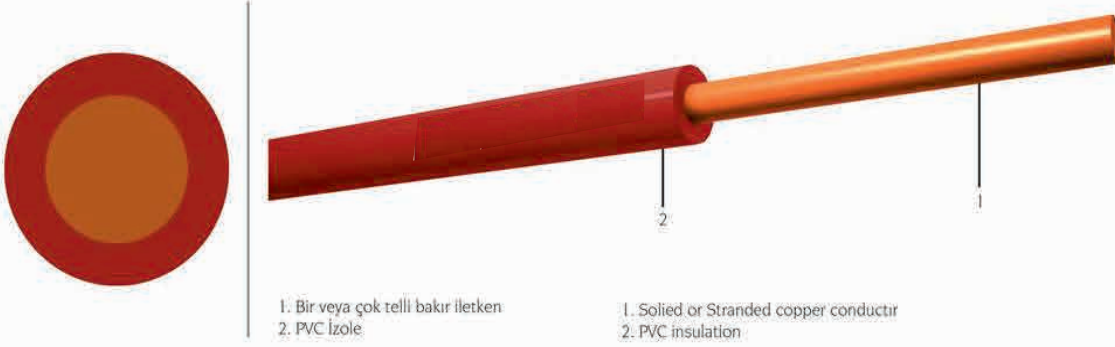


PVC İZOLE, KILIFSIZ TEK DAMARLI, BAKIR İLETKENLİ KABLolar

PVC INSULATED NON-SHEATED SINGLE CORE CABLES WITH COPPER CONDUCTOR

| | | |
|--------|-------------|----------|
| H05V-U | 300 / 500 V | VDE 0281 |
| H07V-U | 450 / 750 V | VDE 0281 |
| H07V-R | 450 / 750 V | |



TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı: 70°C
Kısa devre sıcaklığı: 160°C
Serim Sıcaklığı min.: -20°C

TECHNICAL DATA

Permissible operating temperature: 70°C
Max. short circuit temp.: 160°C
Installation temp.: -20°C

KULLANIM ALANLARI

Kuru mekanlarda; şalt tesislerde, dağıtım sistemlerinde, işletmelerde aydınlatma ve tesisat kablolu olarak kullanılır.

APPLICATIONS

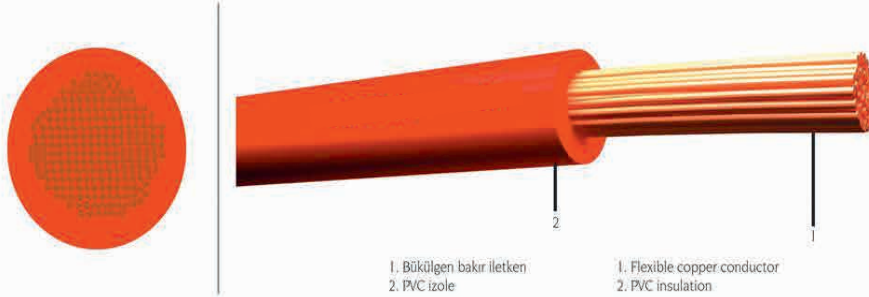
Used in dry places, switch gear rooms, distribution boards, industrial plants as lighting and building wire

Teknik Özellikler / Technical Features

| Normal Kesit | Tip | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|----------|---------------------------|---------------------------|------------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Type | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | | mm | Havada Air (A) | Boru içinde Ground (A) | Ohm / Km | Kg | Mt |
| 0.5 | H 05 V-U | 2.00 | 11 | - | 36.000 | 8.26 | 100 |
| 0.75 | H 05 V-U | 2.20 | 14 | - | 24.500 | 10.96 | 100 |
| 1 | H 05 V-U | 2.30 | 18 | - | 18.100 | 13.35 | 100 |
| 1.5 | H 07 V-U | 2.80 | 24 | 15 | 12.100 | 19.89 | 100 |
| 2.5 | H 07 V-U | 3.40 | 32 | 19 | 7.410 | 31.10 | 100 |
| 4 | H 07 V-U | 3.80 | 42 | 25 | 4.610 | 45.15 | 100 |
| 6 | H 07 V-U | 4.30 | 54 | 33 | 3.080 | 63.96 | 100 |
| 10 | H 07 V-U | 5.50 | 73 | 45 | 1.830 | 106.50 | 100 |
| 16 | H 07 V-U | 6.50 | 98 | 61 | 1.150 | 162.75 | 100 |
| 1.5 | H 07 V-R | 3.00 | 24 | 15 | 12.100 | 21.23 | 100 |
| 2.5 | H 07 V-R | 3.60 | 32 | 19 | 7.410 | 32.73 | 100 |
| 4 | H 07 V-R | 4.20 | 42 | 25 | 4.610 | 48.87 | 100 |
| 6 | H 07 V-R | 4.80 | 54 | 33 | 3.080 | 69.26 | 100 |
| 10 | H 07 V-R | 5.80 | 73 | 45 | 1.830 | 110.44 | 100 |
| 16 | H 07 V-R | 6.80 | 98 | 61 | 1.150 | 167.40 | 100 |
| 25 | H 07 V-R | 8.30 | 129 | 83 | 0.727 | 259.39 | 100 or 1000 |
| 35 | H 07 V-R | 9.40 | 158 | 103 | 0.524 | 351.95 | 100 or 1000 |
| 50 | H 07 V-R | 11.00 | 197 | 132 | 0.387 | 482.00 | 100 or 1000 |
| 70 | H 07 V-R | 12.60 | 245 | 165 | 0.268 | 674.17 | 100 or 1000 |
| 95 | H 07 V-R | 14.80 | 290 | 207 | 0.193 | 931.24 | 100 or 1000 |
| 120 | H 07 V-R | 16.20 | 345 | 235 | 0.153 | 1,158.82 | 100 or 1000 |
| 150 | H 07 V-R | 18.00 | 390 | - | 0.124 | 1,432.93 | 100 or 1000 |
| 185 | H 07 V-R | 20.20 | 445 | - | 0.099 | 1,792.03 | 100 or 1000 |
| 240 | H 07 V-R | 22.90 | 525 | - | 0.075 | 2,336.80 | 100 or 1000 |
| 300 | H 07 V-R | 25.60 | 605 | - | 0.060 | 2,927.10 | 100 or 1000 |
| 400 | H 07 V-R | 28.80 | 725 | - | 0.047 | 3,757.31 | 100 or 1000 |

PVC İZOLELİ, KILIFSIZ TEK DAMARLI, BÜKÜLGEN BAKIR İLETKENLİ
KABLORAR
PVC INSULATED NON-SHEATED SINGLE CORE CABLES WITH FLEXIBLE
COPPER CONDUCTOR

| | | | |
|--------|-------------|---------|----------|
| H05V-K | 300 / 500 V | TS 9758 | VDE 0281 |
| H07V-K | 450 / 750 V | TS 9758 | VDE 0281 |



TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Test gerilimi (AC) : 2 kV - 2.5 kV
Serim sıcaklığı min : -5°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp. : 160°C
Test voltage (AC) : 2 kV - 2.5 kV
Installation temp.min : -5°C

KULLANIM ALANLARI

Bağlantılama ve dağıtım tesisleri.

APPLICATIONS

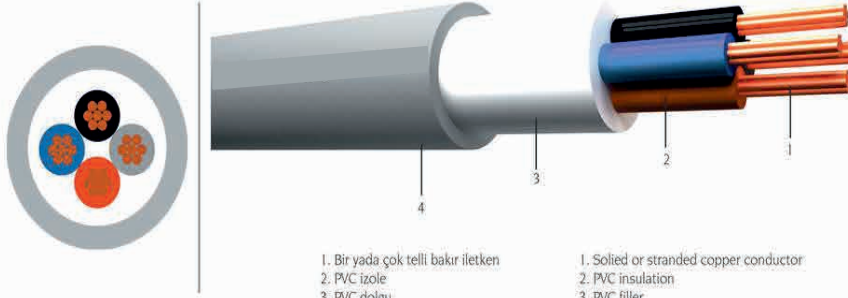
For connection and distribution systems.

Teknik Özellikler / Technical Features

| Normal Kesit | Tip | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|----------|---------------------------|---------------------------|------------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Type | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | | mm | Havada Air (A) | Boru İçinde Ground (A) | Ohm / Km | Kg / Km | Mt |
| 0.5 | H 05 V-K | 2.200 | 8 | - | 39.000 | 9.03 | 100 |
| 0.75 | H 05 V-K | 2.300 | 10 | - | 26.000 | 11.26 | 100 |
| 1 | H 05 V-K | 2.500 | 16 | - | 19.500 | 14.08 | 100 |
| 1.5 | H 07 V-K | 2.900 | 24 | 15 | 13.300 | 19.82 | 100 |
| 2.5 | H 07 V-K | 3.600 | 32 | 19 | 7.980 | 31.80 | 100 |
| 4 | H 07 V-K | 4.100 | 41 | 25 | 4.950 | 46.47 | 100 |
| 6 | H 07 V-K | 4.600 | 53 | 33 | 3.300 | 64.99 | 100 |
| 10 | H 07 V-K | 5.900 | 72 | 45 | 1.910 | 109.70 | 100 |
| 16 | H 07 V-K | 7.200 | 97 | 61 | 1.210 | 169.87 | 100 |
| 25 | H 07 V-K | 8.900 | 128 | 83 | 0.780 | 262.38 | 100 or 1000 |
| 35 | H 07 V-K | 9.900 | 156 | 103 | 0.554 | 353.41 | 100 or 1000 |
| 50 | H 07 V-K | 11.800 | 195 | 132 | 0.386 | 505.22 | 100 or 1000 |
| 70 | H 07 V-K | 13.300 | 243 | 165 | 0.272 | 691.47 | 100 or 1000 |
| 95 | H 07 V-K | 15.300 | 287 | 207 | 0.206 | 917.44 | 100 or 1000 |
| 120 | H 07 V-K | 17.400 | 342 | 235 | 0.161 | 1,175.33 | 100 or 1000 |
| 150 | H 07 V-K | 19.400 | 386 | - | 0.129 | 1,465.48 | 100 or 1000 |
| 185 | H 07 V-K | 21.500 | 441 | - | 0.106 | 1,792.02 | 100 or 1000 |
| 240 | H 07 V-K | 24.500 | 520 | - | 0.080 | 2,554.70 | 100 or 1000 |
| 300 | H 07 V-K | 27.300 | 605 | - | 0.064 | 2,932.36 | 100 or 1000 |
| 400 | H 07 V-K | 31.000 | 725 | - | 0.049 | 3,848.44 | 100 or 1000 |

PVC İZOLELİ, ÇOK DAMARLI, BAKIR İLETKENLİ KABLolar
PVC INSULATED MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-----|-------------|----------|
| NVV | 300 / 500 V | TS 9759 |
| NYM | 450 / 750 V | VDE 0250 |



1. Bir yada çok telli bakır iletken
2. PVC izole
3. PVC dolgu
4. PVC dış kılıf

1. Solid or stranded copper conductor
2. PVC insulation
3. PVC filler
4. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Test gerilimi (AC) : 2 kV
Serim sıcaklığı min : -5°C
Dış kılıf rengi : Gri

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp. : 160°C
test voltage (AC) : 2kV - 2.5 kV
Installation temp.min : -5°C
Colour of outer sheath : Grey

KULLANIM ALANLARI

Rutubetli yerlerde, sıva altı ve sıva üstü sabit tesislerde kullanılır. Bina dışı açık tesislerde kullanılabilir. Yer altında kullanılmaz.

APPLICATIONS

In wet places, open wiring systems. Can not be applied in underground work, can use in house wiring system.

ALÇAK GERİLİM KABLoları
Low Voltage Cables

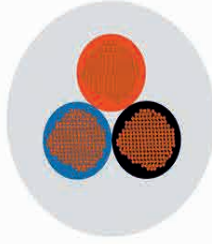
Teknik Özellikler / Technical Features

| Normal Kesit | Tip | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|------------|---------------------------|---------------------------|------------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Type | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | | mm | Havada Akı (A) | Boru içinde Ground (A) | Ohm / Km | Kg / Km | Mtr |
| 2 x 1.5 | NVV-NYM re | 9.20 | 18.5 | 26 | 12.100 | 128.55 | 100 |
| 2 x 2.5 | NVV-NYM re | 10.40 | 25 | 34 | 7.410 | 172.71 | 100 |
| 2 x 4 | NVV-NYM re | 11.20 | 34 | 44 | 4.610 | 216.46 | 100 |
| 2 x 6 | NVV-NYM re | 12.60 | 43 | 56 | 3.080 | 288.92 | 100 |
| 2 x 10 | NVV-NYM rm | 16.00 | 60 | 75 | 1.830 | 471.34 | 100 or 1000 |
| 2 x 16 | NVV-NYM rm | 18.40 | 80 | 98 | 1.150 | 665.03 | 100 or 1000 |
| 3 x 1.5 | NVV-NYM re | 9.70 | 18.5 | 26 | 12.100 | 150.02 | 100 |
| 3 x 2.5 | NVV-NYM re | 11.00 | 25 | 34 | 7.410 | 204.76 | 100 |
| 3 x 4 | NVV-NYM re | 11.90 | 34 | 44 | 4.610 | 263.07 | 100 |
| 3 x 6 | NVV-NYM re | 13.70 | 43 | 56 | 3.080 | 363.64 | 100 |
| 3 x 10 | NVV-NYM rm | 17.00 | 60 | 75 | 1.830 | 579.04 | 100 or 1000 |
| 3 x 16 | NVV-NYM rm | 19.50 | 80 | 98 | 1.150 | 823.78 | 100 or 1000 |
| 4 x 1.5 | NVV-NYM re | 10.40 | 18.5 | 26 | 12.100 | 177.96 | 100 |
| 4 x 2.5 | NVV-NYM re | 11.80 | 25 | 34 | 7.410 | 244.43 | 100 |
| 4 x 4 | NVV-NYM re | 12.80 | 34 | 44 | 4.610 | 318.25 | 100 |
| 4 x 6 | NVV-NYM re | 14.80 | 43 | 56 | 3.080 | 444.48 | 100 |
| 4 x 10 | NVV-NYM rm | 18.40 | 60 | 75 | 1.830 | 710.30 | 100 or 1000 |
| 4 x 16 | NVV-NYM rm | 21.20 | 80 | 98 | 1.150 | 1,021.77 | 100 or 1000 |
| 5 x 1.5 | NVV-NYM re | 11.20 | 18.5 | 26 | 12.100 | 210.46 | 100 |
| 5 x 2.5 | NVV-NYM re | 12.80 | 25 | 34 | 7.410 | 293.11 | 100 |
| 5 x 4 | NVV-NYM re | 14.30 | 34 | 44 | 4.610 | 396.51 | 100 |
| 5 x 6 | NVV-NYM re | 16.10 | 43 | 56 | 3.080 | 537.90 | 100 |
| 5 x 10 | NVV-NYM rm | 20.10 | 60 | 75 | 1.830 | 864.33 | 100 or 1000 |
| 5 x 16 | NVV-NYM rm | 23.60 | 80 | 98 | 1.150 | 1,269.40 | 100 or 1000 |

PVC İZOLELİ, ÇOK DAMARLI, BÜKÜLGEN BAKIR İLETKENLİ
KABLOLAR
PVC INSULATED MULTI-CORE CABLES WITH FLEXIBLE COPPER CONDUCTOR

| | | | |
|---------|-------------|---------|----------|
| H05VV-F | 300 / 500 V | TS 9760 | VDE 0281 |
| H03VV-F | 300 / 500 V | TS 9760 | VDE 0281 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables



1. İnce çok telli bakır iletken
2. PVC izole
3. PVC dış kılıf

1. Flexible copper conductor
2. PVC insulation
3. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Test gerilimi (AC) : 2 kV
Serim sıcaklığı min : -5°C
Dış kılıf rengi : Beyaz, Siyah

TECHNICAL DATA

Permissible operating temperature : 70°C
Max short circuit temp. : 160°C
Test voltage (AC) : 2 kV
Installation temp.min : -5°C
Colour of outer sheath : White, Black

KULLANIM ALANLARI

Kuru ve nemli yerlerde, taşınabilir cihazlarda (ısıtıcılarda) kullanılır.

APPLICATIONS

In dry and wet places, household appliances, heaters etc.

Teknik Özellikler / Technical Features

| Normal Kesit | Tip | Kablo Dış Çapı | Akım Taşıma Kapasitesi | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|-----------------------|-----------|---------------------------|---------------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Type | Overall Diameter Of Cable | Current Carrying Capacity | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | | mm | Havada Akım (A) | Ohm / Km | Kg / Km | Mt |
| 2 x 0.50 | H 03 VV-F | 5.20 | 3 | 39.000 | 38.02 | 100 |
| 2 x 0.75 | H 03 VV-F | 5.40 | 6 | 26.000 | 43.89 | 100 |
| 3 x 0.50 | H 03 VV-F | 5.60 | 3 | 39.000 | 46.31 | 100 |
| 3 x 0.75 | H 03 VV-F | 5.80 | 6 | 26.000 | 54.06 | 100 |
| 4 x 0.50 | H 03 VV-F | 6.10 | 3 | 39.000 | 56.37 | 100 |
| 4 x 0.75 | H 03 VV-F | 6.30 | 6 | 26.000 | 66.06 | 100 |
| 5 x 0.50 | H 03 VV-F | 6.50 | 3 | 39.000 | 65.50 | 100 |
| 5 x 0.75 | H 03 VV-F | 6.80 | 6 | 26.000 | 78.64 | 100 |
| 2 x 0.75 ¹ | H 05 VV-F | 6.20 | 6 | 26.000 | 54.62 | 100 |
| 2 x 0.75 ¹ | H 05 VV-F | 7.20 | 6 | 26.000 | 76.49 | 100 |
| 2 x 1 | H 05 VV-F | 7.00 | 10 | 19.500 | 70.18 | 100 |
| 2 x 1 ¹ | H 05 VV-F | 8.20 | 10 | 19.500 | 100.16 | 100 |
| 2 x 1.5 | H 05 VV-F | 7.80 | 15 | 13.300 | 90.28 | 100 |
| 2 x 1.5 ¹ | H 05 VV-F | 9.00 | 15 | 13.300 | 124.46 | 100 |
| 2 x 2.5 | H 05 VV-F | 9.20 | 20 | 7.980 | 131.20 | 100 |
| 2 x 2.5 ¹ | H 05 VV-F | 10.40 | 20 | 7.980 | 172.04 | 100 |
| 2 x 4 | H 05 VV-F | 10.40 | 26 | 4.950 | 178.82 | 100 |
| 2 x 4 ¹ | H 05 VV-F | 12.00 | 26 | 4.950 | 239.37 | 100 |
| 2 x 6* | H 05 VV-F | 11.60 | 33 | 3.300 | 236.34 | 50 or 1000 |
| 2 x 6* ¹ | H 05 VV-F | 13.20 | 33 | 3.300 | 304.94 | 50 or 1000 |
| 2 x 10* | H 05 VV-F | 14.20 | 45 | 1.910 | 371.40 | 50 or 1000 |
| 2 x 10* ¹ | H 05 VV-F | 16.20 | 45 | 1.910 | 478.61 | 50 or 1000 |
| 2 x 16* | H 05 VV-F | 17.20 | 61 | 1.210 | 561.04 | 50 or 1000 |
| 2 x 16* ¹ | H 05 VV-F | 19.20 | 61 | 1.210 | 695.60 | 50 or 1000 |

PVC İZOLELİ, ÇOK DAMARLI, BÜKÜLGEN BAKIR İLETKENLİ KABLOLAR

PVC INSULATED MULTI-CORE CABLES WITH FLEXIBLE COPPER CONDUCTOR

| | | | |
|---------|-------------|---------|----------|
| H05VV-F | 300 / 500 V | TS 9760 | VDE 0281 |
| H03VV-F | 300 / 500 V | TS 9760 | VDE 0281 |

| Teknik Özellikler / Technical Features | | | | | | |
|--|-----------|---------------------------|---------------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Tip | Kablo Dış Çapı | Akım Taşıma Kapasitesi | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Type | Overall Diameter Of Cable | Current Carrying Capacity | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| (mm ²) | | mm | Havada Akır (A) | Ohm / Km | Kg / Km | Mt |
| 3 x 0.75 | H 05 VV-F | 6.60 | 6 | 26.000 | 65.50 | 100 |
| 3 x 0.75 ¹ | H 05 VV-F | 7.60 | 6 | 26.000 | 88.10 | 100 |
| 3 x 1 | H 05 VV-F | 7.50 | 10 | 19.500 | 85.17 | 100 |
| 3 x 1 ¹ | H 05 VV-F | 8.70 | 10 | 19.500 | 116.41 | 100 |
| 3 x 1.5 | H 05 VV-F | 8.50 | 15 | 13.300 | 113.26 | 100 |
| 3 x 1.5 ¹ | H 05 VV-F | 9.50 | 15 | 13.300 | 144.34 | 100 |
| 3 x 2.5 | H 05 VV-F | 10.00 | 20 | 7.980 | 165.38 | 100 |
| 3 x 2.5 ¹ | H 05 VV-F | 11.00 | 20 | 7.980 | 202.53 | 100 |
| 3 x 4 | H 05 VV-F | 11.30 | 26 | 4.950 | 227.96 | 100 |
| 3 x 4 ¹ | H 05 VV-F | 13.30 | 26 | 4.950 | 303.30 | 100 |
| 3 x 6* | H 05 VV-F | 12.40 | 33 | 3.300 | 298.46 | 50 or 1000 |
| 3 x 6* ¹ | H 05 VV-F | 14.40 | 33 | 3.300 | 382.31 | 50 or 1000 |
| 3 x 10* | H 05 VV-F | 15.20 | 45 | 1.910 | 473.85 | 50 or 1000 |
| 3 x 10* ¹ | H 05 VV-F | 17.20 | 45 | 1.910 | 583.85 | 50 or 1000 |
| 3 x 16* | H 05 VV-F | 18.40 | 61 | 1.210 | 718.93 | 50 or 1000 |
| 3 x 16* ¹ | H 05 VV-F | 20.40 | 61 | 1.210 | 855.77 | 50 or 1000 |
| 4 x 0.75 | H 05 VV-F | 7.20 | 6 | 26.000 | 80.06 | 100 |
| 4 x 0.75 ¹ | H 05 VV-F | 8.20 | 6 | 26.000 | 104.75 | 100 |
| 4 x 1 | H 05 VV-F | 8.40 | 10 | 19.500 | 108.38 | 100 |
| 4 x 1 ¹ | H 05 VV-F | 9.40 | 10 | 19.500 | 138.65 | 100 |
| 4 x 1.5 | H 05 VV-F | 9.50 | 15 | 13.300 | 143.92 | 100 |
| 4 x 1.5 ¹ | H 05 VV-F | 10.30 | 15 | 13.300 | 173.58 | 100 |
| 4 x 2.5 | H 05 VV-F | 10.90 | 20 | 7.980 | 203.58 | 100 |
| 4 x 2.5 ¹ | H 05 VV-F | 12.10 | 20 | 7.980 | 249.63 | 100 |
| 4 x 4 | H 05 VV-F | 12.70 | 26 | 4.950 | 293.50 | 100 |
| 4 x 4 ¹ | H 05 VV-F | 14.30 | 26 | 4.950 | 363.40 | 100 |
| 4 x 6* | H 05 VV-F | 13.90 | 33 | 3.300 | 384.19 | 50 or 1000 |
| 4 x 6* ¹ | H 05 VV-F | 15.50 | 33 | 3.300 | 462.07 | 50 or 1000 |
| 4 x 10* | H 05 VV-F | 17.10 | 45 | 1.910 | 613.57 | 50 or 1000 |
| 4 x 10* ¹ | H 05 VV-F | 18.70 | 45 | 1.910 | 718.36 | 50 or 1000 |
| 4 x 16* | H 05 VV-F | 20.20 | 61 | 1.210 | 908.02 | 50 or 1000 |
| 4 x 16* ¹ | H 05 VV-F | 22.20 | 61 | 1.210 | 1,057.69 | 50 or 1000 |
| 5 x 0.75 | H 05 VV-F | 8.10 | 6 | 26.000 | 101.02 | 100 |
| 5 x 0.75 ¹ | H 05 VV-F | 8.90 | 6 | 26.000 | 124.94 | 100 |
| 5 x 1 | H 05 VV-F | 9.10 | 10 | 19.500 | 129.19 | 100 |
| 5 x 1 ¹ | H 05 VV-F | 10.10 | 10 | 19.500 | 162.34 | 100 |
| 5 x 1.5 | H 05 VV-F | 10.60 | 15 | 13.300 | 179.37 | 100 |
| 5 x 1.5 ¹ | H 05 VV-F | 11.20 | 15 | 13.300 | 207.88 | 100 |
| 5 x 2.5 | H 05 VV-F | 12.20 | 20 | 7.980 | 254.86 | 100 |
| 5 x 2.5 ¹ | H 05 VV-F | 13.00 | 20 | 7.980 | 295.25 | 100 |
| 5 x 4 | H 05 VV-F | 13.90 | 26 | 4.950 | 357.08 | 100 |
| 5 x 4 ¹ | H 05 VV-F | 14.90 | 26 | 4.950 | 413.87 | 100 |
| 5 x 6* | H 05 VV-F | 15.30 | 33 | 3.300 | 471.58 | 50 or 1000 |
| 5 x 6* ¹ | H 05 VV-F | 16.50 | 33 | 3.300 | 544.03 | 50 or 1000 |
| 5 x 10* | H 05 VV-F | 18.80 | 45 | 1.910 | 752.89 | 50 or 1000 |
| 5 x 10* ¹ | H 05 VV-F | 20.40 | 45 | 1.910 | 871.09 | 50 or 1000 |
| 5 x 16* | H 05 VV-F | 21.70 | 61 | 1.210 | 1,090.02 | 50 or 1000 |
| 5 x 16* ¹ | H 05 VV-F | 23.70 | 61 | 1.210 | 1,253.54 | 50 or 1000 |

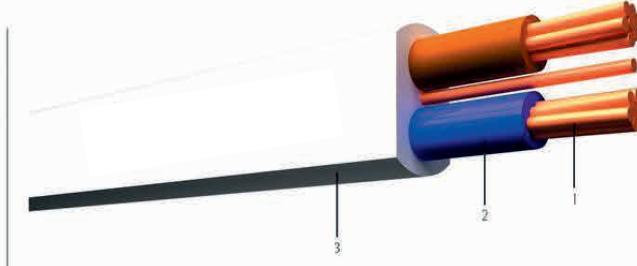
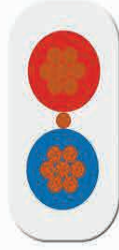
* Özel (special)
1 dolgulu (with filler)

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

PVC İZOLELİ, YASSI, BAKIR İLETKENLİ KABLOLAR
PVC INSULATED, FLAT CABLES WITH COPPER CONDUCTOR

TWIN FLAT 6242Y 300/500 V BS 6004

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables



1. Bir veya çok telli bakır iletken
2. PVC izole
3. PVC dış kılıf

1. Solid or stranded copper conductor
2. PVC insulation
3. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Test gerilimi (AC) : 2 kV
Serim sıcaklığı min : -5°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp. : 160°C
Test voltage (AC) : 2 kV
Installation temp.min : -5°C

KULLANIM ALANLARI

Kuru ve rutubetli yerlerde, sabit aydınlatma tesisatlarında boru içerisinde, toprak altına döşenmez. Sabit olarak sıva üzeri ve sıva altında kullanılır.

APPLICATIONS

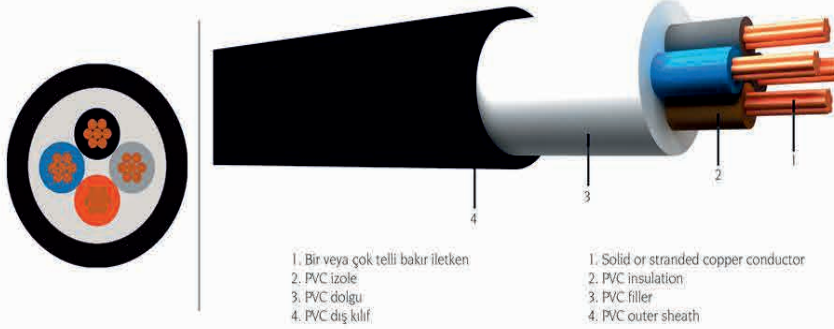
In dry and damp rooms, locations and store room where subject to fire and explosions hazards, but not for underground laying. For permanent installation clear from in and under plaster

Teknik Özellikler / Technical Features

| Normal Kesit | Tip | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|-------|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Type | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | | mm | Havada-Aır (A) | Toprakta-Ground (A) | Ohm / Km | Kg / Km | Mt |
| 2x1 | 6242Y | 0,9 | 19 | 11 | 18,1 | 53 | 100 |
| 2x1,5 | 6242Y | 0,9 | 25 | 16 | 12,1 | 70 | 100 |
| 2x2,5 | 6242Y | 1 | 34 | 21 | 7,41 | 105 | 100 |
| 2x1+1 | 6242Y | 0,9 | 19 | 11 | 18,1 | 76 | 100 |
| 2x1,5+1 | 6242Y | 0,9 | 25 | 16 | 12,1 | 100 | 100 |
| 2x2,5+1,5 | 6242Y | 1 | 34 | 21 | 7,41 | 150 | 100 |
| 3x1 | 6242Y | 0,9 | 19 | 11 | 18,1 | 68 | 100 |
| 3x1,5 | 6242Y | 0,9 | 25 | 16 | 12,1 | 85 | 100 |
| 3x2,5 | 6242Y | 1 | 34 | 21 | 7,41 | 120 | 100 |
| 3x1+1 | 6242Y | 0,9 | 19 | 11 | 18,1 | 91 | 100 |
| 3x1,5+1 | 6242Y | 0,9 | 25 | 16 | 12,1 | 115 | 100 |
| 3x2,5+1,5 | 6242Y | 1 | 34 | 21 | 7,41 | 170 | 100 |

0.6/1 kV PVC İZOLELİ, BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED CABLES WITH COPPER CONDUCTOR

| | | |
|-----|----------|----------------|
| YVY | 0.6/1 kV | TS IEC 60502-1 |
| NYV | 0.6/1 kV | VDE 0276-603 |



1. Bir veya çok telli bakır iletken
2. PVC izole
3. PVC dolgu
4. PVC dış kılıf

1. Solid or stranded copper conductor
2. PVC insulation
3. PVC filler
4. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C (+ ≤ 5 sn)
Test gerilimi (AC) : 3,5 kV
Serim sıcaklığı min : -5°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp. : 160°C (+ ≤ 5 sn)
test voltage (AC) : 3,5 kV
Installation temp.min : -5°C

KULLANIM ALANLARI

Mekanik zorlamaların bulunmadığı yerlerde, enerji istasyonlarında, umumî inşaat kabloları olarak dahili tesislerde, kablo kanallarında, endüstriyel tesislerde, künk ve borular içinde kullanılır.

APPLICATIONS

At poer distribution stations, house hold premises, at industrial plant in cable duct and pipes. Where there is no risk of mechanical damage.

ALÇAK GERİLİM KABLoları
Low Voltage Cables

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| | | Current Carrying Capacity | | | | | | |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 1.5 re | 5.80 | 21 | 27 | 21 | 27 | 12.100 | 50.13 | 1000 |
| 1 x 2.5 re | 6.20 | 27 | 35 | 28 | 35 | 7.410 | 62.61 | 1000 |
| 1 x 4 re | 7.00 | 37 | 46 | 38 | 45 | 4.610 | 85.58 | 1000 |
| 1 x 6 re | 7.50 | 46 | 57 | 48 | 57 | 3.080 | 108.12 | 1000 |
| 1 x 1.5 rm | 6.00 | 21 | 27 | 21 | 27 | 12.100 | 52.86 | 1000 |
| 1 x 2.5 rm | 6.40 | 27 | 35 | 28 | 35 | 7.410 | 65.53 | 1000 |
| 1 x 4 rm | 7.40 | 37 | 46 | 38 | 45 | 4.610 | 92.25 | 1000 |
| 1 x 6 rm | 8.00 | 46 | 57 | 48 | 57 | 3.080 | 117.09 | 1000 |
| 1 x 10 rm | 8.60 | 64 | 76 | 65 | 76 | 1.830 | 157.55 | 1000 |
| 1 x 16 rm | 9.60 | 84 | 98 | 87 | 97 | 1.150 | 221.01 | 1000 |
| 1 x 25 rm | 11.10 | 114 | 127 | 117 | 125 | 0.727 | 322.69 | 1000 |
| 1 x 35 rm | 12.20 | 140 | 152 | 144 | 150 | 0.524 | 422.38 | 1000 |
| 1 x 50 rm | 13.80 | 172 | 180 | 177 | 178 | 0.387 | 562.74 | 1000 |
| 1 x 70 rm | 15.60 | 218 | 220 | 225 | 218 | 0.268 | 772.55 | 1000 |
| 1 x 95 rm | 18.00 | 270 | 264 | 278 | 260 | 0.193 | 1,053.09 | 1000 |
| 1 x 120 rm | 19.40 | 315 | 300 | 325 | 296 | 0.153 | 1,291.01 | 1000 |
| 1 x 150 rm | 21.40 | 362 | 336 | 373 | 331 | 0.124 | 1,588.30 | 1000 |
| 1 x 185 rm | 23.80 | 420 | 379 | 433 | 374 | 0.099 | 1,975.47 | 1000 |
| 1 x 240 rm | 26.70 | 503 | 439 | 518 | 432 | 0.075 | 2,554.83 | 1000 |
| 1 x 300 rm | 29.40 | 580 | 494 | 598 | 486 | 0.060 | 3,168.31 | 500 |
| 1 x 400 rm | 33.00 | 674 | 558 | 695 | 549 | 0.047 | 4,057.22 | 500 |
| 1 x 500 rm | 36.60 | 781 | 629 | 806 | 618 | 0.037 | 5,121.06 | 500 |
| 1 x 630 rm | 40.20 | 901 | 704 | 930 | 692 | 0.028 | 6,463.22 | 500 |

0.6/1 kV PVC İZOLELİ, BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED CABLES WITH COPPER CONDUCTOR

| | | |
|-----|----------|----------------|
| YVV | 0.6/1 kV | TS IEC 60502-1 |
| NYV | 0.6/1 kV | VDE 0276-603 |

ALÇAK GERİLİM KABLoları
Low Voltage Cables

ALÇAK GERİLİM KABLoları
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 2 x 1.5 re | 11.60 | 23 | 27 | 23 | 27 | 12.100 | 192.77 | 1000 |
| 2 x 2.5 re | 12.40 | 30 | 36 | 30 | 36 | 7.410 | 231.44 | 1000 |
| 2 x 4 re | 14.00 | 40 | 47 | 40 | 47 | 4.610 | 307.61 | 1000 |
| 2 x 6 re | 15.00 | 51 | 59 | 51 | 59 | 3.080 | 373.50 | 1000 |
| 2 x 1.5 rm | 12.00 | 23 | 27 | 23 | 27 | 12.100 | 204.98 | 1000 |
| 2 x 2.5 rm | 12.80 | 30 | 36 | 30 | 36 | 7.410 | 244.49 | 1000 |
| 2 x 4 rm | 14.80 | 40 | 47 | 40 | 47 | 4.610 | 337.47 | 1000 |
| 2 x 6 rm | 16.00 | 51 | 59 | 51 | 59 | 3.080 | 413.69 | 1000 |
| 2 x 10 rm | 17.20 | 70 | 80 | 70 | 80 | 1.830 | 523.27 | 1000 |
| 2 x 16 rm | 19.20 | 93 | 104 | 93 | 104 | 1.150 | 702.65 | 1000 |
| 2 x 25 rm | 22.20 | 123 | 134 | 123 | 134 | 0.727 | 995.68 | 1000 |
| 2 x 35 rm | 24.40 | 151 | 162 | 151 | 162 | 0.524 | 1,269.22 | 1000 |
| 2 x 50 rm | 27.80 | 182 | 191 | 182 | 191 | 0.387 | 1,683.51 | 1000 |
| 2 x 70 rm | 31.60 | 230 | 236 | 230 | 236 | 0.268 | 2,276.14 | 1000 |
| 2 x 95 rm | 36.40 | 280 | 281 | 280 | 281 | 0.193 | 3,072.56 | 1000 |
| 2 x 120 rm | 39.40 | 325 | 321 | 325 | 321 | 0.153 | 3,721.83 | 1000 |
| 2 x 150 rm | 43.60 | 371 | 361 | 371 | 361 | 0.124 | 4,584.18 | 1000 |
| 2 x 185 rm | 48.40 | 424 | 406 | 424 | 406 | 0.099 | 5,678.72 | 1000 |
| 2 x 240 rm | 54.60 | 501 | 470 | 501 | 470 | 0.075 | 7,331.76 | 1000 |
| 2 x 300 rm | 60.40 | 572 | 528 | 572 | 528 | 0.060 | 9,073.04 | 500 |
| 2 x 400 rm | 67.20 | 634 | 541 | 634 | 541 | 0.047 | 11,455.94 | 500 |
| 3 x 1.5 re | 12.10 | 19 | 23 | 19 | 23 | 12.100 | 217.01 | 500 |
| 3 x 2.5 re | 13.00 | 26 | 31 | 26 | 31 | 7.410 | 266.54 | 500 |
| 3 x 4 re | 14.70 | 34 | 40 | 34 | 40 | 4.610 | 358.39 | 500 |
| 3 x 6 re | 15.80 | 44 | 50 | 44 | 50 | 3.080 | 443.46 | 500 |
| 3 x 1.5 rm | 124.69 | 19 | 23 | 19 | 23 | 12.100 | 232.89 | 500 |
| 3 x 2.5 rm | 141.03 | 26 | 31 | 26 | 31 | 7.410 | 279.84 | 500 |
| 3 x 4 rm | 191.13 | 34 | 40 | 34 | 40 | 4.610 | 393.11 | 500 |
| 3 x 6 rm | 224.32 | 44 | 50 | 44 | 50 | 3.080 | 489.15 | 1000 |
| 3 x 10 rm | 260.16 | 60 | 68 | 60 | 68 | 1.830 | 633.84 | 1000 |
| 3 x 16 rm | 323.65 | 79 | 88 | 79 | 88 | 1.150 | 863.20 | 1000 |
| 3 x 25 rm | 437.44 | 105 | 114 | 105 | 114 | 0.727 | 1,244.50 | 1000 |
| 3 x 35 rm | 530.93 | 129 | 137 | 129 | 137 | 0.524 | 1,605.73 | 1000 |
| 3 x 50 rm | 697.46 | 162 | 168 | 162 | 168 | 0.387 | 2,148.59 | 1000 |
| 3 x 70 rm | 902.59 | 203 | 206 | 203 | 206 | 0.268 | 2,928.41 | 1000 |
| 3 x 95 rm | 1,194.59 | 250 | 247 | 250 | 247 | 0.193 | 3,957.72 | 1000 |
| 3 x 120 rm | 1,425.31 | 289 | 281 | 289 | 281 | 0.153 | 4,865.74 | 1000 |
| 3 x 150 rm | 1,712.87 | 330 | 315 | 330 | 315 | 0.124 | 5,936.67 | 500 |
| 3 x 185 rm | 2,115.56 | 381 | 356 | 381 | 356 | 0.099 | 7,368.19 | 500 |
| 3 x 240 rm | 2,687.83 | 451 | 412 | 451 | 412 | 0.075 | 9,523.74 | 500 |
| 3 x 300 rm | 3,287.75 | 517 | 464 | 517 | 464 | 0.060 | 11,801.36 | 500 |
| 3 x 400 rm | 4,151.06 | 594 | 524 | 594 | 524 | 0.047 | 15,083.93 | 500 |
| 3 x 10 + 6 rm | 19.30 | 68 | 77 | 68 | 77 | 1.830 | 708.88 | 1000 |
| 3 x 16 + 10 rm | 21.50 | 90 | 99 | 90 | 99 | 1.150 | 960.21 | 1000 |
| 3 x 25 + 16 rm | 24.80 | 121 | 128 | 121 | 128 | 0.727 | 1,426.29 | 1000 |
| 3 x 35 + 16 rm | 27.00 | 149 | 154 | 149 | 154 | 0.524 | 1,777.80 | 1000 |
| 3 x 50 + 25 rm | 31.40 | 173 | 173 | 173 | 173 | 0.387 | 2,446.18 | 1000 |
| 3 x 70 + 35 rm | 35.20 | 215 | 212 | 215 | 212 | 0.268 | 3,278.57 | 1000 |
| 3 x 95 + 50 rm | 40.60 | 266 | 255 | 266 | 255 | 0.193 | 4,443.76 | 1000 |
| 3 x 120 + 70 rm | 44.70 | 308 | 289 | 308 | 289 | 0.153 | 5,568.87 | 500 |
| 3 x 150 + 70 rm | 48.30 | 357 | 327 | 357 | 327 | 0.124 | 6,590.07 | 500 |
| 3 x 185 + 95 rm | 54.50 | 405 | 366 | 405 | 366 | 0.099 | 8,368.36 | 500 |
| 3 x 240 + 120 rm | 60.60 | 482 | 425 | 482 | 425 | 0.075 | 10,649.16 | 500 |

0.6/1 kV PVC İZOLELİ, BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED CABLES WITH COPPER CONDUCTOR

| | | |
|-----|----------|----------------|
| YVV | 0.6/1 kV | TS IEC 60502-1 |
| NYV | 0.6/1 kV | VDE 0276-603 |

ALÇAK GERİLİM KABLolarI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akı (A) | Toprakta Ground (A) | Havada Akı (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mtr |
| 3 x 300 + 150 rm | 67.00 | 552 | 479 | 552 | 479 | 0.060 | 13,185.72 | 500 |
| 3 x 400 + 185 rm | 74.90 | 643 | 545 | 643 | 545 | 0.047 | 16,742.04 | 500 |
| 4 x 1.5 re | 12.90 | 22 | 27 | 22 | 27 | 12.100 | 252.59 | 1000 |
| 4 x 2.5 re | 13.90 | 29 | 35 | 29 | 35 | 7.410 | 314.17 | 1000 |
| 4 x 4 re | 15.80 | 39 | 46 | 39 | 46 | 4.610 | 428.08 | 1000 |
| 4 x 6 re | 17.00 | 50 | 57 | 50 | 57 | 3.080 | 534.18 | 1000 |
| 4 x 1.5 rm | 13.40 | 22 | 27 | 22 | 27 | 12.100 | 269.24 | 1000 |
| 4 x 2.5 rm | 14.40 | 29 | 35 | 29 | 35 | 7.410 | 332.08 | 1000 |
| 4 x 4 rm | 16.80 | 39 | 46 | 39 | 46 | 4.610 | 469.28 | 1000 |
| 4 x 6 rm | 18.20 | 50 | 57 | 50 | 57 | 3.080 | 587.27 | 1000 |
| 4 x 10 rm | 19.70 | 68 | 77 | 68 | 77 | 1.830 | 774.82 | 1000 |
| 4 x 16 rm | 22.10 | 90 | 99 | 90 | 99 | 1.150 | 1,070.49 | 1000 |
| 4 x 25 rm | 25.70 | 121 | 128 | 121 | 128 | 0.727 | 1,549.64 | 1000 |
| 4 x 35 rm | 28.60 | 149 | 154 | 149 | 154 | 0.524 | 2,027.20 | 1000 |
| 4 x 50 rm | 33.30 | 173 | 173 | 173 | 173 | 0.387 | 2,764.51 | 1000 |
| 4 x 70 rm | 37.30 | 215 | 212 | 215 | 212 | 0.268 | 3,711.46 | 1000 |
| 4 x 95 rm | 43.50 | 266 | 255 | 266 | 255 | 0.193 | 5,093.96 | 1000 |
| 4 x 120 rm | 47.10 | 308 | 289 | 308 | 289 | 0.153 | 6,212.31 | 1000 |
| 4 x 150 rm | 51.80 | 357 | 327 | 357 | 327 | 0.124 | 7,603.25 | 500 |
| 4 x 185 rm | 57.90 | 405 | 366 | 405 | 366 | 0.099 | 9,494.03 | 500 |
| 4 x 240 rm | 64.90 | 482 | 425 | 482 | 425 | 0.075 | 12,210.67 | 500 |
| 4 x 300 rm | 72.20 | 552 | 479 | 552 | 479 | 0.060 | 15,226.08 | 500 |
| 4 x 400 rm | 80.50 | 643 | 545 | 643 | 545 | 0.047 | 19,323.86 | 500 |
| 4 x 10 + 6 rm | 21.00 | 68 | 77 | 68 | 77 | 1.830 | 866.55 | 1000 |
| 4 x 16 + 10 rm | 23.50 | 90 | 99 | 90 | 99 | 1.150 | 1,221.25 | 1000 |
| 4 x 25 + 16 rm | 27.40 | 121 | 128 | 121 | 128 | 0.727 | 1,774.87 | 1000 |
| 4 x 35 + 16 rm | 30.00 | 149 | 154 | 149 | 154 | 0.524 | 2,240.54 | 1000 |
| 4 x 50 + 25 rm | 34.90 | 173 | 173 | 173 | 173 | 0.387 | 3,078.34 | 1000 |
| 4 x 70 + 35 rm | 39.30 | 215 | 212 | 215 | 212 | 0.268 | 4,148.59 | 1000 |
| 4 x 95 + 50 rm | 45.80 | 266 | 255 | 266 | 255 | 0.193 | 5,687.58 | 1000 |
| 4 x 120 + 70 rm | 49.80 | 308 | 289 | 308 | 289 | 0.153 | 7,023.12 | 500 |
| 4 x 150 + 70 rm | 54.50 | 357 | 327 | 357 | 327 | 0.124 | 8,450.15 | 500 |
| 4 x 185 + 95 rm | 60.90 | 405 | 366 | 405 | 366 | 0.099 | 10,608.53 | 500 |
| 4 x 240 + 120 rm | 67.90 | 482 | 425 | 482 | 425 | 0.075 | 13,549.03 | 500 |
| 4 x 300 + 150 rm | 75.70 | 552 | 479 | 552 | 479 | 0.060 | 16,911.33 | 500 |
| 4 x 400 + 185 rm | 84.20 | 643 | 545 | 643 | 545 | 0.047 | 21,383.78 | 500 |
| 5 x 1.5 re | 13.70 | 23 | 27 | 23 | 27 | 12.100 | 290.04 | 1000 |
| 5 x 2.5 re | 14.80 | 30 | 36 | 30 | 36 | 7.410 | 364.17 | 1000 |
| 5 x 4 re | 17.00 | 41 | 47 | 41 | 47 | 4.610 | 506.08 | 1000 |
| 5 x 6 re | 18.30 | 52 | 59 | 52 | 59 | 3.080 | 634.27 | 1000 |
| 5 x 1.5 rm | 14.30 | 23 | 27 | 23 | 27 | 12.100 | 311.43 | 1000 |
| 5 x 2.5 rm | 15.40 | 30 | 36 | 30 | 36 | 7.410 | 387.25 | 1000 |
| 5 x 4 rm | 18.10 | 41 | 47 | 41 | 47 | 4.610 | 554.75 | 1000 |
| 5 x 6 rm | 19.70 | 52 | 59 | 52 | 59 | 3.080 | 701.42 | 1000 |
| 5 x 10 rm | 21.30 | 71 | 78 | 71 | 78 | 1.830 | 928.43 | 1000 |
| 5 x 16 rm | 24.00 | 94 | 101 | 94 | 101 | 1.150 | 1,294.11 | 1000 |
| 5 x 25 rm | 28.30 | 126 | 131 | 126 | 131 | 0.727 | 1,712.08 | 1000 |
| 5 x 35 rm | 31.80 | 155 | 157 | 155 | 157 | 0.524 | 2,293.49 | 1000 |
| 5 x 50 rm | 36.50 | 189 | 185 | 189 | 185 | 0.387 | 3,078.84 | 1000 |
| 5 x 70 rm | 41.10 | 215 | 212 | 215 | 212 | 0.268 | 4,216.51 | 1000 |
| 5 x 95 rm | 47.80 | 266 | 255 | 266 | 255 | 0.193 | 5,747.52 | 1000 |
| 5 x 120 rm | 52.00 | 308 | 289 | 308 | 289 | 0.153 | 7,115.53 | 500 |
| 5 x 150 rm | 57.60 | 357 | 327 | 357 | 327 | 0.124 | 8,780.27 | 500 |

ALÇAK GERİLİM KABLolarI
Low Voltage Cables

0.6/1 kV PVC İZOLELİ, BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED CABLES WITH COPPER CONDUCTOR

| | | |
|-----|----------|----------------|
| YVV | 0.6/1 kV | TS IEC 60502-1 |
| NYV | 0.6/1 kV | VDE 0276-603 |

ALÇAK GERİLİM KABLoları
Low Voltage Cables

ALÇAK GERİLİM KABLoları
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 5 x 185 rm | 64.00 | 405 | 366 | 405 | 366 | 0.099 | 10,853.99 | 500 |
| 5 x 240 rm | 72.10 | 482 | 425 | 482 | 425 | 0.075 | 14,052.51 | 500 |
| 5 x 300 rm | 80.00 | 552 | 479 | 552 | 479 | 0.060 | 17,355.63 | 500 |
| 5 x 400 rm | 89.20 | 643 | 545 | 643 | 545 | 0.047 | 22,182.83 | 500 |
| 7 x 1.5 re | 14.60 | 14 | 10 | 14 | 10 | 12.100 | 341.33 | 1000 |
| 7 x 2.5 re | 15.80 | 19 | 16 | 19 | 16 | 7.410 | 434.97 | 1000 |
| 7 x 1.5 rm | 15.20 | 14 | 10 | 14 | 10 | 12.100 | 363.52 | 1000 |
| 7 x 2.5 rm | 16.40 | 19 | 16 | 19 | 16 | 7.410 | 458.90 | 1000 |
| 10 x 1.5 re | 16.10 | 12 | 9 | 12 | 9 | 12.100 | 429.47 | 1000 |
| 10 x 2.5 re | 17.50 | 16 | 13 | 16 | 13 | 7.410 | 556.44 | 1000 |
| 10 x 1.5 rm | 16.80 | 12 | 9 | 12 | 9 | 12.100 | 457.80 | 1000 |
| 10 x 2.5 rm | 18.20 | 16 | 13 | 16 | 13 | 7.410 | 587.13 | 1000 |
| 12 x 1.5 re | 17.30 | 12 | 9 | 12 | 9 | 12.100 | 501.57 | 1000 |
| 12 x 2.5 re | 18.90 | 16 | 13 | 16 | 13 | 7.410 | 656.26 | 1000 |
| 12 x 1.5 rm | 18.10 | 12 | 9 | 12 | 9 | 12.100 | 536.65 | 1000 |
| 12 x 2.5 rm | 19.70 | 16 | 13 | 16 | 13 | 7.410 | 694.48 | 1000 |
| 14 x 1.5 re | 18.20 | 10 | 8 | 10 | 8 | 12.100 | 562.37 | 1000 |
| 14 x 2.5 re | 19.90 | 14 | 12 | 14 | 12 | 7.410 | 739.08 | 1000 |
| 14 x 1.5 rm | 19.10 | 10 | 8 | 10 | 8 | 12.100 | 604.14 | 1000 |
| 14 x 2.5 rm | 20.80 | 14 | 12 | 14 | 12 | 7.410 | 784.62 | 1000 |
| 19 x 1.5 re | 20.60 | 9 | 7 | 9 | 7 | 12.100 | 733.47 | 1000 |
| 19 x 2.5 re | 22.60 | 12 | 11 | 12 | 11 | 7.410 | 971.73 | 1000 |
| 19 x 1.5 rm | 21.60 | 9 | 7 | 9 | 7 | 12.100 | 785.70 | 1000 |
| 19 x 2.5 rm | 23.60 | 12 | 11 | 12 | 11 | 7.410 | 1,028.85 | 1000 |
| 21 x 1.5 re | 21.50 | 9 | 7 | 9 | 7 | 12.100 | 802.98 | 1000 |
| 21 x 2.5 re | 23.70 | 12 | 11 | 12 | 11 | 7.410 | 1,072.13 | 1000 |
| 21 x 1.5 rm | 22.60 | 9 | 7 | 9 | 7 | 12.100 | 863.46 | 1000 |
| 21 x 2.5 rm | 24.70 | 12 | 11 | 12 | 11 | 7.410 | 1,131.57 | 1000 |
| 24 x 1.5 re | 22.40 | 8 | 6 | 8 | 6 | 12.100 | 882.78 | 1000 |
| 24 x 2.5 re | 24.70 | 11 | 10 | 11 | 10 | 7.410 | 1,183.02 | 1000 |
| 24 x 1.5 rm | 23.60 | 8 | 6 | 8 | 6 | 12.100 | 951.66 | 1000 |
| 24 x 2.5 rm | 25.80 | 11 | 10 | 11 | 10 | 7.410 | 1,251.39 | 1000 |
| 30 x 1.5 re | 24.50 | 8 | 6 | 8 | 6 | 12.100 | 1,070.29 | 1000 |
| 30 x 2.5 re | 27.30 | 11 | 10 | 11 | 10 | 7.410 | 1,457.15 | 1000 |
| 30 x 1.5 rm | 25.80 | 8 | 6 | 8 | 6 | 12.100 | 1,151.52 | 1000 |
| 30 x 2.5 rm | 28.50 | 11 | 10 | 11 | 10 | 7.410 | 1,539.20 | 1000 |
| 40 x 1.5 re | 27.70 | 7 | 5 | 7 | 5 | 12.100 | 1,384.91 | 1000 |
| 40 x 2.5 re | 30.90 | 9 | 8 | 9 | 8 | 7.410 | 1,893.36 | 1000 |
| 40 x 1.5 rm | 29.20 | 7 | 5 | 7 | 5 | 12.100 | 1,490.83 | 1000 |
| 40 x 2.5 rm | 32.90 | 9 | 8 | 9 | 8 | 7.410 | 2,054.53 | 1000 |
| 48 x 1.5 re | 30.90 | 7 | 5 | 7 | 5 | 12.100 | 1,713.02 | 1000 |
| 48 x 2.5 re | 34.90 | 9 | 8 | 9 | 8 | 7.410 | 2,378.52 | 1000 |
| 48 x 1.5 rm | 33.20 | 7 | 5 | 7 | 5 | 12.100 | 1,901.40 | 1000 |
| 48 x 2.5 rm | 36.70 | 9 | 8 | 9 | 8 | 7.410 | 2,537.80 | 1000 |
| 61 x 1.5 re | 33.60 | 6 | 4 | 6 | 4 | 12.100 | 2,061.57 | 1000 |
| 61 x 2.5 re | 37.40 | 8 | 7 | 8 | 7 | 7.410 | 2,815.68 | 1000 |
| 61 x 1.5 rm | 35.40 | 6 | 4 | 6 | 4 | 12.100 | 2,215.01 | 1000 |
| 61 x 2.5 rm | 39.40 | 8 | 7 | 8 | 7 | 7.410 | 3,004.36 | 1000 |

0.6/1 kV İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI, ÇOK DAMARLI, BAKIR İLETKENLİ KABLolar

0.6/1 kV PVC INSULATED ROUND STEEL WIRE ARMoured, MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YVZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| NYRY | 0.6/1 Kv | VDE 0271 |



1. Bir veya çok telli bakır iletken
2. PVC izole
3. PVC dolgu
4. Galvanizli yuvarlak çelik tel
5. Polyester bant
6. PVC dış kılıf

1. Solid or stranded copper conductor
2. PVC insulation
3. PVC filler
4. Galvanized round steel wires
5. Polyester tape
6. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C (+ < 5 sn)
Test gerilimi (AC) : 3.5 kV
Serim Sıcaklığı min. : - 5°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Maximum short circuit temp. : 160°C (+ < 5sn)
Test voltage (AC) : 3.5 kV
Installation temp. : -20°C

KULLANIM ALANLARI

Mekanik zorlamaların bulunduğu kablo kanallarında kumanda ve sinyal devrelerinde ve suda sabit olarak kullanılır.

APPLICATIONS

Switching panels, urban networks, in duct where there is a risk of mechanical damage, in water for stationary conditions

ALÇAK GERİLİM KABLARI
Low Voltage Cables

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akır (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 1 x 10 rm | 11.00 | 64 | 76 | 1.830 | 275.26 | 1000 |
| 1 x 16 rm | 12.00 | 84 | 98 | 1.150 | 356.48 | 1000 |
| 1 x 25 rm | 13.50 | 114 | 127 | 0.727 | 484.86 | 1000 |
| 1 x 35 rm | 14.60 | 140 | 152 | 0.524 | 602.53 | 1000 |
| 1 x 50 rm | 17.10 | 172 | 180 | 0.387 | 871.83 | 1000 |
| 1 x 70 rm | 18.70 | 218 | 220 | 0.268 | 1,116.11 | 1000 |
| 1 x 95 rm | 20.90 | 270 | 264 | 0.193 | 1,449.64 | 1000 |
| 1 x 120 rm | 23.00 | 315 | 300 | 0.153 | 1,827.87 | 1000 |
| 1 x 150 rm | 24.80 | 362 | 336 | 0.124 | 2,180.37 | 1000 |
| 1 x 185 rm | 27.20 | 420 | 379 | 0.099 | 2,634.03 | 1000 |
| 1 x 240 rm | 30.10 | 503 | 439 | 0.075 | 3,296.02 | 1000 |
| 1 x 300 rm | 33.80 | 580 | 494 | 0.060 | 4,227.16 | 500 |
| 1 x 400 rm | 37.20 | 674 | 558 | 0.047 | 5,229.81 | 500 |
| 1 x 500 rm | 40.80 | 781 | 629 | 0.037 | 6,421.98 | 500 |
| 1 x 630 rm | 45.60 | 901 | 704 | 0.028 | 8,264.03 | 500 |
| 2 x 1.5 re | 13.20 | 23 | 27 | 12.100 | 328.91 | 1000 |
| 2 x 2.5 re | 14.00 | 30 | 36 | 7.410 | 379.47 | 1000 |
| 2 x 4 re | 16.50 | 40 | 47 | 4.610 | 579.73 | 1000 |
| 2 x 6 re | 17.50 | 51 | 59 | 3.080 | 664.95 | 1000 |
| 2 x 1.5 rm | 13.60 | 23 | 27 | 12.100 | 345.11 | 1000 |
| 2 x 2.5 rm | 14.40 | 30 | 36 | 7.410 | 400.46 | 1000 |
| 2 x 4 rm | 17.30 | 40 | 47 | 4.610 | 628.98 | 1000 |
| 2 x 6 rm | 18.50 | 51 | 59 | 3.080 | 734.23 | 1000 |
| 2 x 10 rm | 19.70 | 70 | 80 | 1.830 | 872.76 | 1000 |

0.6/1 kV İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI, ÇOK DAMARLI,
BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED ROUND STEEL WIRE ARMoured, MULTI-CORE
CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YVZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| NYRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLoları
Low Voltage Cables

ALÇAK GERİLİM KABLoları
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt. |
| 2 x 16 rm | 22.40 | 93 | 104 | 1.150 | 1,204.21 | 1000 |
| 2 x 25 rm | 25.40 | 123 | 134 | 0.727 | 1,592.35 | 1000 |
| 2 x 35 rm | 27.80 | 151 | 162 | 0.524 | 1,942.32 | 1000 |
| 2 x 50 rm | 31.20 | 182 | 191 | 0.387 | 2,470.69 | 1000 |
| 2 x 70 rm | 36.00 | 230 | 236 | 0.268 | 3,410.51 | 1000 |
| 2 x 95 rm | 40.60 | 280 | 281 | 0.193 | 4,369.71 | 1000 |
| 2 x 120 rm | 43.60 | 325 | 321 | 0.153 | 5,121.33 | 1000 |
| 2 x 150 rm | 49.00 | 371 | 361 | 0.124 | 6,541.10 | 500 |
| 2 x 185 rm | 53.60 | 424 | 406 | 0.099 | 7,852.20 | 500 |
| 2 x 240 rm | 59.80 | 501 | 470 | 0.075 | 9,784.27 | 500 |
| 2 x 300 rm | 65.60 | 572 | 528 | 0.060 | 11,804.70 | 500 |
| 2 x 400 rm | 73.90 | 634 | 541 | 0.047 | 15,302.45 | 500 |
| 3 x 1.5 re | 13.70 | 19 | 23 | 12.100 | 361.18 | 1000 |
| 3 x 2.5 re | 14.60 | 26 | 31 | 7.410 | 422.61 | 1000 |
| 3 x 4 re | 17.20 | 34 | 40 | 4.610 | 640.37 | 1000 |
| 3 x 6 re | 18.30 | 44 | 50 | 3.080 | 754.45 | 1000 |
| 3 x 1.5 rm | 14.20 | 19 | 23 | 12.100 | 385.01 | 1000 |
| 3 x 2.5 rm | 15.00 | 26 | 31 | 7.410 | 443.88 | 1000 |
| 3 x 4 rm | 18.10 | 34 | 40 | 4.610 | 704.18 | 1000 |
| 3 x 6 rm | 19.40 | 44 | 50 | 3.080 | 829.30 | 1000 |
| 3 x 10 rm | 20.70 | 60 | 68 | 1.830 | 1,002.97 | 1000 |
| 3 x 16 rm | 23.50 | 79 | 88 | 1.150 | 1,396.80 | 1000 |
| 3 x 25 rm | 27.00 | 105 | 114 | 0.727 | 1,901.86 | 1000 |
| 3 x 35 rm | 29.40 | 129 | 137 | 0.524 | 2,327.72 | 1000 |
| 3 x 50 rm | 34.00 | 162 | 168 | 0.387 | 3,191.80 | 1000 |
| 3 x 70 rm | 38.10 | 203 | 206 | 0.268 | 4,124.08 | 1000 |
| 3 x 95 rm | 43.20 | 250 | 247 | 0.193 | 5,358.39 | 1000 |
| 3 x 120 rm | 47.80 | 289 | 281 | 0.153 | 6,761.75 | 500 |
| 3 x 150 rm | 52.10 | 330 | 315 | 0.124 | 8,055.39 | 500 |
| 3 x 185 rm | 57.30 | 381 | 356 | 0.099 | 9,729.86 | 500 |
| 3 x 240 rm | 63.90 | 451 | 412 | 0.075 | 12,207.11 | 500 |
| 3 x 300 rm | 70.10 | 517 | 464 | 0.060 | 14,767.97 | 500 |
| 3 x 400 rm | 79.40 | 594 | 524 | 0.047 | 19,253.20 | 500 |
| 3 x 10 + 6 rm | 22.50 | 68 | 77 | 1.830 | 1,211.00 | 1000 |
| 3 x 16 + 10 rm | 24.70 | 90 | 99 | 1.150 | 1,576.32 | 1000 |
| 3 x 25 + 16 rm | 28.20 | 121 | 128 | 0.727 | 2,116.25 | 1000 |
| 3 x 35 + 16 rm | 30.40 | 149 | 154 | 0.524 | 2,533.80 | 1000 |
| 3 x 50 + 25 rm | 35.60 | 173 | 173 | 0.387 | 3,564.80 | 1000 |
| 3 x 70 + 35 rm | 39.60 | 215 | 212 | 0.268 | 4,543.57 | 1000 |
| 3 x 95 + 50 rm | 46.00 | 266 | 255 | 0.193 | 6,281.44 | 1000 |
| 3 x 120 + 70 rm | 50.10 | 308 | 289 | 0.153 | 7,606.28 | 500 |
| 3 x 150 + 70 rm | 53.50 | 357 | 327 | 0.124 | 8,765.73 | 500 |
| 3 x 185 + 95 rm | 59.70 | 405 | 366 | 0.099 | 10,824.03 | 500 |
| 3 x 240 + 120 rm | 65.80 | 482 | 425 | 0.075 | 13,384.86 | 500 |
| 3 x 300 + 150 rm | 73.70 | 552 | 479 | 0.060 | 17,037.68 | 500 |
| 3 x 400 + 185 rm | 81.80 | 643 | 545 | 0.047 | 21,077.33 | 500 |
| 4 x 1.5 re | 14.50 | 22 | 27 | 12.100 | 408.71 | 1000 |
| 4 x 2.5 re | 16.40 | 29 | 35 | 7.410 | 576.81 | 1000 |
| 4 x 4 re | 18.30 | 39 | 46 | 4.610 | 739.18 | 1000 |
| 4 x 6 re | 19.50 | 50 | 57 | 3.080 | 874.33 | 1000 |
| 4 x 1.5 rm | 15.00 | 22 | 27 | 12.100 | 433.34 | 1000 |
| 4 x 2.5 rm | 16.90 | 29 | 35 | 7.410 | 614.08 | 1000 |

0.6/1 kV İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI, ÇOK DAMARLI,
BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED ROUND STEEL WIRE ARMoured, MULTI-CORE
CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YVZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| NYRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLolarI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 4 x 4 mm | 19.30 | 39 | 46 | 4.610 | 809.54 | 1000 |
| 4 x 6 mm | 20.70 | 50 | 57 | 3.080 | 956.66 | 1000 |
| 4 x 10 mm | 22.90 | 68 | 77 | 1.830 | 1,292.75 | 1000 |
| 4 x 16 mm | 25.30 | 90 | 99 | 1.150 | 1,667.69 | 1000 |
| 4 x 25 mm | 29.10 | 121 | 128 | 0.727 | 2,271.80 | 1000 |
| 4 x 35 mm | 32.00 | 149 | 154 | 0.524 | 2,831.63 | 1000 |
| 4 x 50 mm | 37.50 | 173 | 173 | 0.387 | 3,935.60 | 1000 |
| 4 x 70 mm | 41.50 | 215 | 212 | 0.268 | 5,035.17 | 1000 |
| 4 x 95 mm | 48.90 | 266 | 255 | 0.193 | 7,053.06 | 1000 |
| 4 x 120 mm | 52.50 | 308 | 289 | 0.153 | 8,332.12 | 500 |
| 4 x 150 mm | 57.00 | 357 | 327 | 0.124 | 9,938.18 | 500 |
| 4 x 185 mm | 63.10 | 405 | 366 | 0.099 | 12,109.13 | 500 |
| 4 x 240 mm | 70.30 | 482 | 425 | 0.075 | 15,178.46 | 500 |
| 4 x 300 mm | 79.10 | 552 | 479 | 0.060 | 19,431.53 | 500 |
| 4 x 400 mm | 87.20 | 643 | 545 | 0.047 | 24,001.59 | 500 |
| 4 x 10 + 6 mm | 24.20 | 68 | 77 | 1.830 | 1,432.17 | 1000 |
| 4 x 16 + 10 mm | 26.90 | 90 | 99 | 1.150 | 1,879.48 | 1000 |
| 4 x 25 + 16 mm | 30.80 | 121 | 128 | 0.727 | 2,547.14 | 1000 |
| 4 x 35 + 16 mm | 34.20 | 149 | 154 | 0.524 | 3,284.38 | 1000 |
| 4 x 50 + 25 mm | 39.30 | 173 | 173 | 0.387 | 4,343.30 | 1000 |
| 4 x 70 + 35 mm | 43.50 | 215 | 212 | 0.268 | 5,549.91 | 1000 |
| 4 x 95 + 50 mm | 51.20 | 266 | 255 | 0.193 | 7,767.83 | 1000 |
| 4 x 120 + 70 mm | 55.20 | 308 | 289 | 0.153 | 9,303.22 | 500 |
| 4 x 150 + 70 mm | 59.70 | 357 | 327 | 0.124 | 10,905.57 | 500 |
| 4 x 185 + 95 mm | 66.10 | 405 | 366 | 0.099 | 13,344.77 | 500 |
| 4 x 240 + 120 mm | 74.60 | 482 | 425 | 0.075 | 17,463.58 | 500 |
| 4 x 300 + 150 mm | 82.40 | 552 | 479 | 0.060 | 21,274.71 | 500 |
| 4 x 400 + 185 mm | 91.10 | 643 | 545 | 0.047 | 26,297.47 | 500 |
| 5 x 1.5 re | 16.20 | 23 | 27 | 12.100 | 552.71 | 1000 |
| 5 x 2.5 re | 17.30 | 30 | 36 | 7.410 | 655.86 | 1000 |
| 5 x 4 re | 19.50 | 41 | 47 | 4.610 | 846.31 | 1000 |
| 5 x 6 re | 20.80 | 52 | 59 | 3.080 | 1,003.58 | 1000 |
| 5 x 1.5 mm | 16.80 | 23 | 27 | 12.100 | 583.85 | 1000 |
| 5 x 2.5 mm | 17.90 | 30 | 36 | 7.410 | 688.70 | 1000 |
| 5 x 4 mm | 20.60 | 41 | 47 | 4.610 | 924.20 | 1000 |
| 5 x 6 mm | 22.90 | 52 | 59 | 3.080 | 1,219.59 | 1000 |
| 5 x 10 mm | 24.50 | 71 | 78 | 1.830 | 1,494.08 | 1000 |
| 5 x 16 mm | 27.40 | 94 | 101 | 1.150 | 1,967.77 | 1000 |
| 5 x 25 mm | 31.70 | 126 | 131 | 0.727 | 2,709.44 | 1000 |
| 5 x 35 mm | 36.20 | 155 | 157 | 0.524 | 3,657.96 | 1000 |
| 5 x 50 mm | 40.70 | 189 | 185 | 0.387 | 4,682.92 | 1000 |
| 5 x 70 mm | 46.50 | 215 | 212 | 0.268 | 6,412.64 | 1000 |
| 5 x 95 mm | 53.20 | 266 | 255 | 0.193 | 8,421.00 | 1000 |
| 5 x 120 mm | 57.40 | 308 | 289 | 0.153 | 10,033.74 | 500 |
| 5 x 150 mm | 62.80 | 357 | 327 | 0.124 | 12,073.53 | 500 |
| 5 x 185 mm | 69.20 | 405 | 366 | 0.099 | 14,636.70 | 500 |
| 5 x 240 mm | 79.00 | 482 | 425 | 0.075 | 19,385.34 | 500 |
| 5 x 300 mm | 86.70 | 552 | 479 | 0.060 | 23,490.66 | 500 |
| 5 x 400 mm | 95.90 | 643 | 545 | 0.047 | 29,149.61 | 500 |
| 7 x 1.5 re | 17.10 | 14 | 10 | 12.100 | 623.53 | 1000 |
| 7 x 2.5 re | 18.30 | 19 | 16 | 7.410 | 746.22 | 1000 |
| 7 x 1.5 mm | 17.70 | 14 | 10 | 12.100 | 665.13 | 1000 |

ALÇAK GERİLİM KABLolarI
Low Voltage Cables

0.6/1 kV İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI, ÇOK DAMARLI,
BAKİR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED ROUND STEEL WIRE ARMoured, MULTI-CORE
CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YVZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| NYRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLolarI
Low Voltage Cables

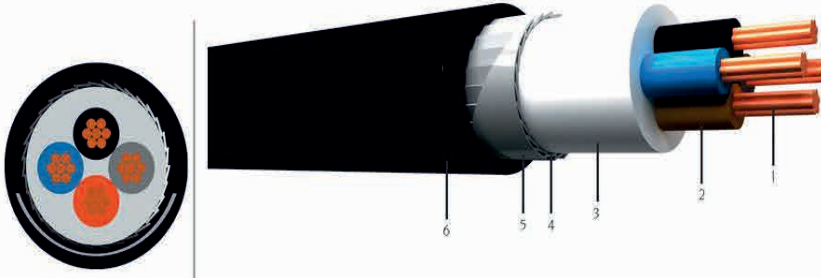
ALÇAK GERİLİM KABLolarI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt. |
| 7 x 2.5 rm | 18.90 | 19 | 16 | 7.410 | 789.60 | 1000 |
| 10 x 1.5 re | 18.60 | 12 | 9 | 12.100 | 750.58 | 1000 |
| 10 x 2.5 re | 20.00 | 16 | 13 | 7.410 | 906.69 | 1000 |
| 10 x 1.5 rm | 19.30 | 12 | 9 | 12.100 | 798.40 | 1000 |
| 10 x 2.5 rm | 20.70 | 16 | 13 | 7.410 | 956.90 | 1000 |
| 12 x 1.5 re | 19.80 | 12 | 9 | 12.100 | 851.84 | 1000 |
| 12 x 2.5 re | 22.10 | 16 | 13 | 7.410 | 1,158.71 | 1000 |
| 12 x 1.5 rm | 20.60 | 12 | 9 | 12.100 | 906.45 | 1000 |
| 12 x 2.5 rm | 22.90 | 16 | 13 | 7.410 | 1,213.01 | 1000 |
| 14 x 1.5 re | 20.70 | 10 | 8 | 12.100 | 932.16 | 1000 |
| 14 x 2.5 re | 23.10 | 14 | 12 | 7.410 | 1,273.39 | 1000 |
| 14 x 1.5 rm | 22.30 | 10 | 8 | 12.100 | 1,106.88 | 1000 |
| 14 x 2.5 rm | 24.00 | 14 | 12 | 7.410 | 1,335.07 | 1000 |
| 19 x 1.5 re | 23.80 | 9 | 7 | 12.100 | 1,283.89 | 1000 |
| 19 x 2.5 re | 25.80 | 12 | 11 | 7.410 | 1,585.72 | 1000 |
| 19 x 1.5 rm | 24.80 | 9 | 7 | 12.100 | 1,368.11 | 1000 |
| 19 x 2.5 rm | 27.00 | 12 | 11 | 7.410 | 1,687.56 | 1000 |
| 21 x 1.5 re | 24.70 | 9 | 7 | 12.100 | 1,385.22 | 1000 |
| 21 x 2.5 re | 27.10 | 12 | 11 | 7.410 | 1,730.70 | 1000 |
| 21 x 1.5 rm | 25.80 | 9 | 7 | 12.100 | 1,477.73 | 1000 |
| 21 x 2.5 rm | 28.10 | 12 | 11 | 7.410 | 1,822.71 | 1000 |
| 24 x 1.5 re | 21.00 | 8 | 6 | 12.100 | 978.93 | 1000 |
| 24 x 2.5 re | 25.60 | 11 | 10 | 7.410 | 1,481.18 | 1000 |
| 24 x 1.5 rm | 21.00 | 8 | 6 | 12.100 | 978.93 | 1000 |
| 24 x 2.5 rm | 25.60 | 11 | 10 | 7.410 | 1,481.18 | 1000 |
| 30 x 1.5 re | 27.90 | 8 | 6 | 12.100 | 1,761.47 | 1000 |
| 30 x 2.5 re | 30.70 | 11 | 10 | 7.410 | 2,230.77 | 1000 |
| 30 x 1.5 rm | 29.20 | 8 | 6 | 12.100 | 1,875.55 | 1000 |
| 30 x 2.5 rm | 31.90 | 11 | 10 | 7.410 | 2,345.71 | 1000 |
| 40 x 1.5 re | 25.60 | 7 | 5 | 12.100 | 1,511.86 | 1000 |
| 40 x 2.5 re | 31.10 | 9 | 8 | 7.410 | 2,159.30 | 1000 |
| 40 x 1.5 rm | 33.60 | 7 | 5 | 12.100 | 2,525.90 | 1000 |
| 40 x 2.5 rm | 37.10 | 9 | 8 | 7.410 | 3,228.35 | 1000 |
| 48 x 1.5 re | 35.10 | 7 | 5 | 12.100 | 2,809.11 | 1000 |
| 48 x 2.5 re | 39.30 | 9 | 8 | 7.410 | 3,645.93 | 1000 |
| 48 x 1.5 rm | 37.40 | 7 | 5 | 12.100 | 3,075.52 | 1000 |
| 48 x 2.5 rm | 40.90 | 9 | 8 | 7.410 | 3,840.01 | 1000 |
| 61 x 1.5 re | 37.80 | 6 | 4 | 12.100 | 3,261.12 | 1000 |
| 61 x 2.5 re | 41.60 | 8 | 7 | 7.410 | 4,143.63 | 1000 |
| 61 x 1.5 rm | 39.80 | 6 | 4 | 12.100 | 3,206.71 | 1000 |
| 61 x 2.5 rm | 43.10 | 8 | 7 | 7.410 | 3,509.46 | 1000 |

0.6/1 kV PVC İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK DAMARLI, BAKIR İLETKENLİ KABLolar

0.6/1 kV PVC INSULATED FLAT STEEL WIRE ARMoured, MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|--------|----------|----------------|
| YVZ3V | 0.6/1 Kv | TS IEC 60502-1 |
| NYFGbY | 0.6/1 Kv | VDE 0271 |



1. Bir veya çok telli bakır iletken
2. PVC izole
3. PVC dolgu
4. Galvanizli yassı çelik tel
5. Galvanizli çelik bant
6. PVC dış kılıf

1. Solid or stranded copper conductor
2. PVC insulation
3. PVC filler
4. Galvanized flat steel wires
5. Galvanized steel tape
6. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C (+ < 5 sn)
Test gerilimi (AC) : 3.5 kV
Serim Sıcaklığı min. : - 5°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Maximum short circuit temp. : 160°C (+ < 5sn)
Test voltage (AC) : 3.5 kV
Installation temp. : -20°C

KULLANIM ALANLARI

Mekanik zorlanmaların bulunduğu dahili ve harici yerlerde kullanılır.

APPLICATIONS

Switching stations, industrial plants, where there is risk of mechanical damage

ALÇAK GERİLİM KABLARI
Low Voltage Cables

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akır (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 1 x 95 rm | 20.00 | 270 | 264 | 0.193 | 1,434.18 | 1000 |
| 1 x 120 rm | 21.40 | 315 | 300 | 0.153 | 1,704.79 | 1000 |
| 1 x 150 rm | 23.20 | 362 | 336 | 0.124 | 2,052.17 | 1000 |
| 1 x 185 rm | 25.40 | 420 | 379 | 0.099 | 2,464.54 | 1000 |
| 1 x 240 rm | 28.30 | 503 | 439 | 0.075 | 3,107.39 | 1000 |
| 1 x 300 rm | 31.20 | 580 | 494 | 0.060 | 3,823.51 | 500 |
| 1 x 400 rm | 34.60 | 674 | 558 | 0.047 | 4,764.17 | 500 |
| 1 x 500 rm | 38.40 | 781 | 629 | 0.037 | 5,938.28 | 500 |
| 1 x 630 rm | 42.00 | 901 | 704 | 0.028 | 7,348.98 | 500 |
| 2 x 10 rm | 18.80 | 70 | 80 | 1.830 | 855.91 | 1000 |
| 2 x 16 rm | 20.80 | 93 | 104 | 1.150 | 1,094.33 | 1000 |
| 2 x 25 rm | 23.80 | 123 | 134 | 0.727 | 1,450.95 | 1000 |
| 2 x 35 rm | 26.20 | 151 | 162 | 0.524 | 1,796.76 | 1000 |
| 2 x 50 rm | 29.60 | 182 | 191 | 0.387 | 2,277.95 | 1000 |
| 2 x 70 rm | 33.40 | 230 | 236 | 0.268 | 2,964.46 | 1000 |
| 2 x 95 rm | 38.20 | 280 | 281 | 0.193 | 3,885.15 | 1000 |
| 2 x 120 rm | 41.00 | 325 | 321 | 0.153 | 4,579.96 | 1000 |
| 2 x 150 rm | 45.40 | 371 | 361 | 0.124 | 5,557.87 | 1000 |
| 2 x 185 rm | 50.00 | 424 | 406 | 0.099 | 6,728.35 | 500 |
| 2 x 240 rm | 56.20 | 501 | 470 | 0.075 | 8,535.20 | 500 |
| 2 x 300 rm | 62.00 | 572 | 528 | 0.060 | 10,403.74 | 500 |
| 2 x 400 rm | 69.00 | 634 | 541 | 0.047 | 12,975.51 | 500 |
| 3 x 10 rm | 19.80 | 60 | 68 | 1.830 | 996.28 | 1000 |
| 3 x 16 rm | 21.90 | 79 | 88 | 1.150 | 1,285.21 | 1000 |

0.6/1 kV PVC İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK DAMARLI,
BAKIR İLETKENLİ KABLolar
0.6/1 kV PVC INSULATED FLAT STEEL WIRE ARMoured, MULTI-CORE
CABLES WITH COPPER CONDUCTOR

| | | |
|--------|----------|----------------|
| YVZ3V | 0.6/1 Kv | TS IEC 60502-1 |
| NYFGbY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLoları
Low Voltage Cables

ALÇAK GERİLİM KABLoları
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akı (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 3 x 25 rm | 25.20 | 105 | 114 | 0.727 | 1,731.60 | 1000 |
| 3 x 35 rm | 27.80 | 129 | 137 | 0.524 | 2,166.84 | 1000 |
| 3 x 50 rm | 31.40 | 162 | 168 | 0.387 | 2,788.92 | 1000 |
| 3 x 70 rm | 35.70 | 203 | 206 | 0.268 | 3,679.13 | 1000 |
| 3 x 95 rm | 40.60 | 250 | 247 | 0.193 | 4,815.48 | 1000 |
| 3 x 120 rm | 44.40 | 289 | 281 | 0.153 | 5,810.66 | 500 |
| 3 x 150 rm | 48.50 | 330 | 315 | 0.124 | 6,977.73 | 500 |
| 3 x 185 rm | 53.70 | 381 | 356 | 0.099 | 8,536.53 | 500 |
| 3 x 240 rm | 60.30 | 451 | 412 | 0.075 | 10,851.56 | 500 |
| 3 x 300 rm | 66.50 | 517 | 464 | 0.060 | 13,262.07 | 500 |
| 3 x 400 rm | 74.30 | 594 | 524 | 0.047 | 16,700.81 | 500 |
| 3 x 10 + 6 rm | 20.90 | 68 | 77 | 1.830 | 1,101.54 | 1000 |
| 3 x 16 + 10 rm | 23.10 | 90 | 99 | 1.150 | 1,412.90 | 1000 |
| 3 x 25 + 16 rm | 26.60 | 121 | 128 | 0.727 | 1,956.64 | 1000 |
| 3 x 35 + 16 rm | 28.60 | 149 | 154 | 0.524 | 2,355.66 | 1000 |
| 3 x 50 + 25 rm | 33.20 | 173 | 173 | 0.387 | 3,134.80 | 1000 |
| 3 x 70 + 35 rm | 37.00 | 215 | 212 | 0.268 | 4,061.42 | 1000 |
| 3 x 95 + 50 rm | 42.40 | 266 | 255 | 0.193 | 5,354.51 | 1000 |
| 3 x 120 + 70 rm | 46.50 | 308 | 289 | 0.153 | 6,575.34 | 500 |
| 3 x 150 + 70 rm | 49.90 | 357 | 327 | 0.124 | 7,641.50 | 500 |
| 3 x 185 + 95 rm | 56.10 | 405 | 366 | 0.099 | 9,574.58 | 500 |
| 3 x 240 + 120 rm | 62.20 | 482 | 425 | 0.075 | 11,984.67 | 500 |
| 3 x 300 + 150 rm | 68.80 | 552 | 479 | 0.060 | 14,709.97 | 500 |
| 3 x 400 + 185 rm | 76.70 | 643 | 545 | 0.047 | 18,457.85 | 500 |
| 4 x 10 rm | 21.30 | 68 | 77 | 1.830 | 1,169.24 | 1000 |
| 4 x 16 rm | 23.70 | 90 | 99 | 1.150 | 1,525.86 | 1000 |
| 4 x 25 rm | 27.50 | 121 | 128 | 0.727 | 2,109.62 | 1000 |
| 4 x 35 rm | 30.40 | 149 | 154 | 0.524 | 2,651.68 | 1000 |
| 4 x 50 rm | 34.90 | 173 | 173 | 0.387 | 3,471.12 | 1000 |
| 4 x 70 rm | 39.10 | 215 | 212 | 0.268 | 4,529.83 | 1000 |
| 4 x 95 rm | 45.30 | 266 | 255 | 0.193 | 6,069.45 | 1000 |
| 4 x 120 rm | 48.90 | 308 | 289 | 0.153 | 7,281.12 | 500 |
| 4 x 150 rm | 53.60 | 357 | 327 | 0.124 | 8,771.37 | 500 |
| 4 x 185 rm | 59.70 | 405 | 366 | 0.099 | 10,794.47 | 500 |
| 4 x 240 rm | 66.70 | 482 | 425 | 0.075 | 13,698.45 | 500 |
| 4 x 300 rm | 74.00 | 552 | 479 | 0.060 | 16,878.12 | 500 |
| 4 x 400 rm | 82.30 | 643 | 545 | 0.047 | 21,169.40 | 500 |
| 4 x 10 + 6 rm | 22.60 | 68 | 77 | 1.830 | 1,292.04 | 1000 |
| 4 x 16 + 10 rm | 25.10 | 90 | 99 | 1.150 | 1,674.06 | 1000 |
| 4 x 25 + 16 rm | 29.20 | 121 | 128 | 0.727 | 2,368.46 | 1000 |
| 4 x 35 + 16 rm | 31.60 | 149 | 154 | 0.524 | 2,882.27 | 1000 |
| 4 x 50 + 25 rm | 36.70 | 173 | 173 | 0.387 | 3,860.00 | 1000 |
| 4 x 70 + 35 rm | 40.90 | 215 | 212 | 0.268 | 5,008.15 | 1000 |
| 4 x 95 + 50 rm | 47.60 | 266 | 255 | 0.193 | 6,725.24 | 1000 |
| 4 x 120 + 70 rm | 51.60 | 308 | 289 | 0.153 | 8,156.24 | 500 |
| 4 x 150 + 70 rm | 56.10 | 357 | 327 | 0.124 | 9,656.12 | 500 |
| 4 x 185 + 95 rm | 62.70 | 405 | 366 | 0.099 | 12,000.35 | 500 |
| 4 x 240 + 120 rm | 69.70 | 482 | 425 | 0.075 | 15,103.28 | 500 |
| 4 x 300 + 150 rm | 77.30 | 552 | 479 | 0.060 | 18,596.08 | 500 |
| 4 x 400 + 185 rm | 86.00 | 643 | 545 | 0.047 | 23,325.38 | 500 |
| 5 x 10 rm | 22.90 | 71 | 78 | 1.830 | 1,355.24 | 1000 |
| 5 x 16 rm | 25.60 | 94 | 101 | 1.150 | 1,808.38 | 1000 |
| 5 x 25 rm | 30.10 | 126 | 131 | 0.727 | 2,528.20 | 1000 |

0.6/1 kV PVC İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK DAMARLI,
BAKIR İLETKENLİ KABLORAR
0.6/1 kV PVC INSULATED FLAT STEEL WIRE ARMoured, MULTI-CORE
CABLES WITH COPPER CONDUCTOR

| | | |
|--------|----------|----------------|
| YVZ3V | 0.6/1 Kv | TS IEC 60502-1 |
| NYFGbY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLORARI LOW VOLTAGE CABLES

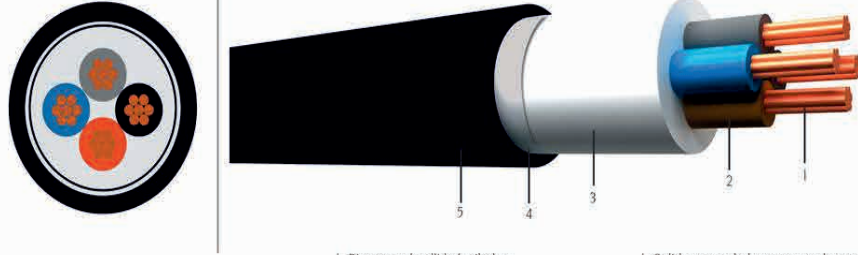
| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 5 x 35 mm | 33.60 | 155 | 157 | 0.524 | 3,212.69 | 1000 |
| 5 x 50 mm | 38.30 | 189 | 185 | 0.387 | 4,198.79 | 1000 |
| 5 x 70 mm | 42.90 | 215 | 212 | 0.268 | 5,487.63 | 1000 |
| 5 x 95 mm | 49.60 | 266 | 255 | 0.193 | 7,334.15 | 1000 |
| 5 x 120 mm | 53.80 | 308 | 289 | 0.153 | 8,840.80 | 500 |
| 5 x 150 mm | 59.20 | 357 | 327 | 0.124 | 10,729.64 | 500 |
| 5 x 185 mm | 65.80 | 405 | 366 | 0.099 | 13,199.30 | 500 |
| 5 x 240 mm | 73.90 | 482 | 425 | 0.075 | 16,831.60 | 500 |
| 5 x 300 mm | 81.80 | 552 | 479 | 0.060 | 20,717.72 | 500 |
| 5 x 400 mm | 91.00 | 643 | 545 | 0.047 | 26,002.94 | 500 |

ALÇAK GERİLİM KABLORARI
Low Voltage Cables

0.6/1 kV PVC İZOLELİ, ÇİFT KAT ÇELİK BANTLI
ÇOK DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV PVC INSULATED DOUBLE STEEL TAPE ARMoured
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YVZ4V | 0.6/1 Kv | TS IEC 60502-1 |
| NYBY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables



1. Bir veya çok telli bakır iletken
2. PVC izole
3. PVC dolgu
4. Galvanizli çelik bant
5. PVC dış kılıf

1. Solid or stranded copper conductor
2. PVC insulation
3. PVC filler
4. Galvanized double steel tape
5. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C (+ ≤5 sn)
Test gerilimi (AC) : 3.5 kV
Serim Sıcaklığı min. : -5°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Maximum short circuit temp. : 160°C (+ ≤5second)
Test voltage (AC) : 3.5 kV
Installation temp. : -5°C

KULLANIM ALANLARI

Mekanik zorlanmaların bulunduğu dahili ve harici yerlerde kullanılır.

APPLICATIONS

Switching stations, industrial plants, where there is risk of mechanical damage.

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu | |
|---------------------|---------------------------|---------------------------|------------------------------------|-------------|-----------------|------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length | |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 3 x 10 rm | 19.00 | 60 | 68 | 1.830 | 780.83 | 1000 |
| 3 x 16 rm | 21.10 | 79 | 88 | 1.150 | 1,029.99 | 1000 |
| 3 x 25 rm | 24.40 | 105 | 114 | 0.727 | 1,442.83 | 1000 |
| 3 x 35 rm | 27.00 | 129 | 137 | 0.524 | 1,839.89 | 1000 |
| 3 x 50 rm | 30.60 | 162 | 168 | 0.387 | 2,404.06 | 1000 |
| 3 x 70 rm | 34.70 | 203 | 206 | 0.268 | 3,222.02 | 1000 |
| 3 x 95 rm | 41.00 | 250 | 247 | 0.193 | 4,790.05 | 1000 |
| 3 x 120 rm | 44.60 | 289 | 281 | 0.153 | 5,777.67 | 500 |
| 3 x 150 rm | 48.90 | 330 | 315 | 0.124 | 6,964.74 | 500 |
| 3 x 185 rm | 53.90 | 381 | 356 | 0.099 | 8,489.15 | 500 |
| 3 x 240 rm | 60.70 | 451 | 412 | 0.075 | 10,823.50 | 500 |
| 3 x 300 rm | 66.90 | 517 | 464 | 0.060 | 13,245.84 | 500 |
| 3 x 400 rm | 74.70 | 594 | 524 | 0.047 | 16,675.35 | 500 |
| 3 x 16 + 10 rm | 22.30 | 68 | 77 | 1.830 | 1,173.62 | 1000 |
| 3 x 25 + 16 rm | 25.60 | 90 | 99 | 1.150 | 1,636.66 | 1000 |
| 3 x 35 + 16 rm | 27.80 | 121 | 128 | 0.727 | 2,008.05 | 1000 |
| 3 x 50 + 25 rm | 32.20 | 149 | 154 | 0.524 | 2,717.84 | 1000 |
| 3 x 70 + 35 rm | 37.40 | 173 | 173 | 0.387 | 4,047.75 | 1000 |
| 3 x 95 + 50 rm | 42.80 | 215 | 212 | 0.268 | 5,335.24 | 1000 |
| 3 x 120 + 70 rm | 46.90 | 266 | 255 | 0.193 | 6,553.74 | 1000 |
| 3 x 150 + 70 rm | 50.30 | 330 | 279 | 0.153 | 7,630.57 | 500 |



0.6/1 kV PVC İZOLELİ, ÇİFT KAT ÇELİK BANTLI
ÇOK DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV PVC INSULATED DOUBLE STEEL TAPE ARMoured
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YVZ4V | 0.6/1 Kv | TS IEC 60502-1 |
| NYBY | 0.6/1 Kv | VDE 0271 |

| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg / Km | Mt |
| 3 x 185 + 95 rm | 56.50 | 643 | 545 | 0.047 | 9,549.33 | 500 |
| 3 x 240 + 120 rm | 62.60 | 357 | 327 | 0.124 | 11,968.84 | 500 |
| 3 x 300 + 150 rm | 69.00 | 405 | 366 | 0.099 | 14,652.76 | 500 |
| 3 x 400 + 185 rm | 77.10 | 482 | 425 | 0.075 | 18,427.88 | 500 |
| 4 x 10 rm | 49.30 | 68 | 77 | 1.830 | 7,251.23 | 1000 |
| 4 x 16 rm | 53.80 | 90 | 99 | 1.150 | 8,722.55 | 1000 |
| 4 x 25 rm | 59.90 | 121 | 128 | 0.727 | 10,752.19 | 1000 |
| 4 x 35 rm | 67.10 | 149 | 154 | 0.524 | 13,662.05 | 1000 |
| 4 x 50 rm | 74.40 | 173 | 173 | 0.387 | 16,850.27 | 1000 |
| 4 x 70 rm | 83.90 | 215 | 212 | 0.268 | 22,173.06 | 1000 |
| 4 x 95 rm | 24.30 | 266 | 255 | 0.193 | 1,385.12 | 1000 |
| 4 x 120 rm | 28.20 | 308 | 289 | 0.153 | 2,009.48 | 500 |
| 4 x 150 rm | 30.80 | 357 | 327 | 0.124 | 2,499.05 | 500 |
| 4 x 185 rm | 37.10 | 405 | 366 | 0.099 | 3,841.19 | 500 |
| 4 x 240 rm | 41.30 | 482 | 425 | 0.075 | 4,988.84 | 500 |
| 4 x 300 rm | 47.80 | 552 | 479 | 0.060 | 6,673.75 | 500 |
| 4 x 400 rm | 52.00 | 643 | 545 | 0.047 | 8,124.30 | 500 |
| 4 x 10 + 6 rm | 56.50 | 68 | 77 | 1.830 | 9,630.55 | 1000 |
| 4 x 16 + 10 rm | 62.90 | 90 | 99 | 1.150 | 11,935.91 | 1000 |
| 4 x 25 + 16 rm | 70.10 | 121 | 128 | 0.727 | 15,071.75 | 1000 |
| 4 x 35 + 16 rm | 77.70 | 149 | 154 | 0.524 | 18,579.33 | 1000 |
| 4 x 50 + 25 rm | 87.60 | 173 | 173 | 0.387 | 24,370.77 | 1000 |
| 4 x 70 + 35 rm | 22.10 | 215 | 212 | 0.268 | 1,105.47 | 1000 |
| 4 x 95 + 50 rm | 24.80 | 266 | 255 | 0.193 | 1,496.85 | 1000 |
| 4 x 120 + 70 rm | 29.10 | 308 | 289 | 0.153 | 2,148.28 | 500 |
| 4 x 150 + 70 rm | 32.80 | 357 | 327 | 0.124 | 2,813.58 | 500 |
| 4 x 185 + 95 rm | 38.50 | 405 | 366 | 0.099 | 4,162.81 | 500 |
| 4 x 240 + 120 rm | 43.30 | 482 | 425 | 0.075 | 5,477.39 | 500 |
| 4 x 300 + 150 rm | 50.00 | 552 | 479 | 0.060 | 7,318.25 | 500 |
| 4 x 400 + 185 rm | 54.20 | 643 | 545 | 0.047 | 8,822.18 | 500 |
| 5 x 10 rm | 59.60 | 71 | 78 | 1.830 | 10,709.37 | 1000 |
| 5 x 16 rm | 66.00 | 94 | 101 | 1.150 | 13,139.13 | 1000 |
| 5 x 25 rm | 74.30 | 126 | 131 | 0.727 | 16,801.92 | 1000 |
| 5 x 35 rm | 83.40 | 155 | 157 | 0.524 | 21,707.54 | 1000 |
| 5 x 50 rm | 92.60 | 189 | 185 | 0.387 | 27,126.59 | 1000 |
| 5 x 70 rm | 43.30 | 215 | 212 | 0.268 | 5,496.65 | 1000 |
| 5 x 95 rm | 50.00 | 266 | 255 | 0.193 | 7,326.10 | 1000 |
| 5 x 120 rm | 54.40 | 308 | 289 | 0.153 | 8,907.48 | 500 |
| 5 x 150 rm | 59.80 | 357 | 327 | 0.124 | 10,811.86 | 500 |
| 5 x 185 rm | 66.20 | 405 | 366 | 0.099 | 13,272.17 | 500 |
| 5 x 240 rm | 74.50 | 482 | 425 | 0.075 | 16,935.33 | 500 |
| 5 x 300 rm | 82.40 | 552 | 479 | 0.060 | 20,850.46 | 500 |
| 5 x 400 rm | 92.00 | 643 | 545 | 0.047 | 26,398.20 | 500 |

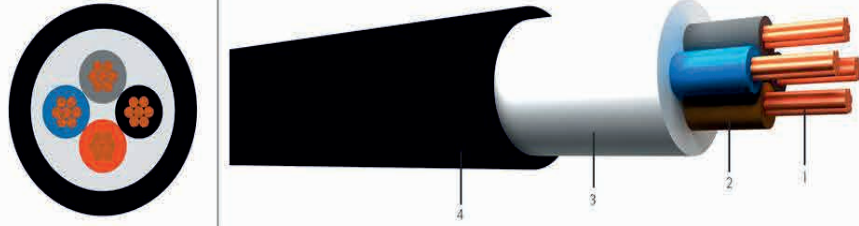
ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

0.6/1 kV XLPE İZOLELİ, ÇOK DAMARLI, BAKIR İLETKENLİ KABLOLAR

0.6/1 kV XLPE INSULATED, MULTI-CORE CABLES, WITH COPPER CONDUCTOR

| | | |
|------|----------|----------------|
| YXV | 0.6/1 Kv | TS IEC 60502-1 |
| N2XY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables



1. Bir veya çok telli bakır iletken
2. XLPE izole
3. PVC dolgu
4. PVC dış kılıf

1. Solid or stranded copper conductor
2. XLPE insulation
3. PVC filler
4. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Kısa devre sıcaklığı : 250°C (+ < 5 sn)
Test gerilimi (AC) : 3.5 kV
Serim Sıcaklığı min. : - 5°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Maximum short circuit temp. : 250°C (+ < 5second)
Test voltage (AC) : 3.5 kV
Installation temp. : - 5°C

KULLANIM ALANLARI

Bina içinde boru içinde ve endüstriyel fabrika yada mekanik hasar beklenmeyen dağıtım merkezlerinde kullanım içindir. Yüksek çalışma sıcaklıklarına uyum gösterir. Kısa süreli ani sıcaklık artışlarına dayanıklıdır. daha uzun ömürlüdür.

APPLICATIONS

For indoor and outdoor in cable duct and in industrial plants or switching stations where mechanical damage is not anticipated. Suitable for comparatively high ambient temperature due to high maximum permissible conductor temperature

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| | | Current Carrying Capacity | | | | | | |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 1.5 re | 5.60 | 25 | 33 | 26 | 33 | 12.100 | 45.35 | 1000 |
| 1 x 2.5 re | 6.00 | 34 | 43 | 35 | 43 | 7.410 | 57.24 | 1000 |
| 1 x 4 re | 6.40 | 45 | 56 | 46 | 55 | 4.610 | 73.43 | 1000 |
| 1 x 6 re | 6.90 | 57 | 69 | 58 | 68 | 3.080 | 94.82 | 1000 |
| 1 x 1.5 rm | 5.80 | 25 | 33 | 26 | 33 | 12.100 | 47.58 | 1000 |
| 1 x 2.5 rm | 6.20 | 34 | 43 | 35 | 43 | 7.410 | 59.60 | 1000 |
| 1 x 4 rm | 6.80 | 45 | 56 | 46 | 55 | 4.610 | 78.46 | 1000 |
| 1 x 6 rm | 8.00 | 57 | 69 | 58 | 68 | 3.080 | 110.11 | 1000 |
| 1 x 10 rm | 8.00 | 78 | 92 | 80 | 91 | 1.830 | 140.89 | 1000 |
| 1 x 16 rm | 9.00 | 104 | 118 | 107 | 117 | 1.150 | 201.63 | 1000 |
| 1 x 25 rm | 10.10 | 141 | 152 | 145 | 151 | 0.727 | 290.52 | 1000 |
| 1 x 35 rm | 11.60 | 173 | 182 | 178 | 180 | 0.524 | 394.10 | 1000 |
| 1 x 50 rm | 12.80 | 213 | 216 | 220 | 214 | 0.387 | 519.04 | 1000 |
| 1 x 70 rm | 14.80 | 271 | 265 | 279 | 261 | 0.268 | 726.53 | 1000 |
| 1 x 95 rm | 16.80 | 335 | 316 | 346 | 312 | 0.193 | 979.86 | 1000 |
| 1 x 120 rm | 18.60 | 392 | 359 | 404 | 355 | 0.153 | 1,225.70 | 1000 |
| 1 x 150 rm | 20.60 | 451 | 403 | 466 | 397 | 0.124 | 1,511.95 | 1000 |
| 1 x 185 rm | 22.80 | 526 | 455 | 543 | 449 | 0.099 | 1,871.00 | 1000 |

0.6/1 kV XLPE İZOLELİ, ÇOK DAMARLI, BAKIR
İLETKENLİ KABLolar

0.6/1 kV XLPE INSULATED, MULTI-CORE CABLES, WITH
COPPER CONDUCTOR

| | | |
|------|----------|----------------|
| YXV | 0.6/1 Kv | TS IEC 60502-1 |
| N2XY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLolarI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 240 rm | 25.50 | 630 | 527 | 650 | 519 | 0.075 | 2,419.96 | 1000 |
| 1 x 300 rm | 28.20 | 728 | 593 | 751 | 584 | 0.060 | 3,012.15 | 500 |
| 1 x 400 rm | 31.60 | 848 | 671 | 875 | 660 | 0.047 | 3,862.16 | 500 |
| 1 x 500 rm | 35.20 | 985 | 757 | 1018 | 744 | 0.037 | 4,888.53 | 500 |
| 1 x 630 rm | 39.40 | 1141 | 849 | 1179 | 834 | 0.028 | 6,243.05 | 500 |
| 2 x 1.5 re | 11.20 | 29 | 34 | 29 | 34 | 12.100 | 176.70 | 1000 |
| 2 x 2.5 re | 12.00 | 38 | 44 | 38 | 44 | 7.410 | 213.73 | 1000 |
| 2 x 4 re | 12.80 | 50 | 58 | 50 | 58 | 4.610 | 260.29 | 1000 |
| 2 x 6 re | 13.80 | 64 | 73 | 64 | 73 | 3.080 | 322.11 | 1000 |
| 2 x 1.5 rm | 11.60 | 29 | 34 | 29 | 34 | 12.100 | 187.67 | 1000 |
| 2 x 2.5 rm | 12.40 | 38 | 44 | 38 | 44 | 7.410 | 225.41 | 1000 |
| 2 x 4 rm | 13.60 | 50 | 58 | 50 | 58 | 4.610 | 285.46 | 1000 |
| 2 x 6 rm | 16.00 | 64 | 73 | 64 | 73 | 3.080 | 399.74 | 1000 |
| 2 x 10 rm | 16.00 | 88 | 98 | 88 | 98 | 1.830 | 461.30 | 1000 |
| 2 x 16 rm | 18.00 | 116 | 128 | 116 | 128 | 1.150 | 631.70 | 1000 |
| 2 x 25 rm | 20.20 | 154 | 165 | 154 | 165 | 0.727 | 870.09 | 1000 |
| 2 x 35 rm | 23.20 | 190 | 199 | 190 | 199 | 0.524 | 1,171.33 | 1000 |
| 2 x 50 rm | 25.60 | 230 | 236 | 230 | 236 | 0.387 | 1,505.96 | 1000 |
| 2 x 70 rm | 29.40 | 292 | 292 | 292 | 292 | 0.268 | 2,063.89 | 1000 |
| 2 x 95 rm | 34.20 | 356 | 348 | 356 | 348 | 0.193 | 2,822.27 | 1000 |
| 2 x 120 rm | 37.60 | 414 | 397 | 414 | 397 | 0.153 | 3,482.77 | 1000 |
| 2 x 150 rm | 41.40 | 474 | 445 | 474 | 445 | 0.124 | 4,263.01 | 1000 |
| 2 x 185 rm | 46.60 | 544 | 502 | 544 | 502 | 0.099 | 5,357.28 | 500 |
| 2 x 240 rm | 52.00 | 644 | 582 | 644 | 582 | 0.075 | 6,842.77 | 500 |
| 2 x 300 rm | 57.80 | 737 | 654 | 737 | 654 | 0.060 | 8,522.52 | 500 |
| 2 x 400 rm | 64.60 | 834 | 741 | 834 | 741 | 0.047 | 10,831.75 | 500 |
| 3 x 1.5 re | 10.90 | 21 | 28 | 21 | 28 | 12.100 | 177.31 | 1000 |
| 3 x 2.5 re | 11.80 | 32 | 37 | 32 | 37 | 7.410 | 223.03 | 1000 |
| 3 x 4 re | 13.40 | 43 | 49 | 43 | 49 | 4.610 | 303.55 | 1000 |
| 3 x 6 re | 14.50 | 54 | 61 | 54 | 61 | 3.080 | 383.60 | 1000 |
| 3 x 1.5 rm | 12.10 | 21 | 28 | 21 | 28 | 12.100 | 209.36 | 1000 |
| 3 x 2.5 rm | 13.00 | 32 | 37 | 32 | 37 | 7.410 | 257.50 | 1000 |
| 3 x 4 rm | 14.30 | 43 | 49 | 43 | 49 | 4.610 | 332.03 | 1000 |
| 3 x 6 rm | 16.90 | 54 | 61 | 54 | 61 | 3.080 | 468.22 | 1000 |
| 3 x 10 rm | 16.90 | 74 | 83 | 74 | 83 | 1.830 | 560.56 | 1000 |
| 3 x 16 rm | 19.00 | 99 | 107 | 99 | 107 | 1.150 | 779.01 | 1000 |
| 3 x 25 rm | 21.40 | 131 | 139 | 131 | 139 | 0.727 | 1,095.79 | 1000 |
| 3 x 35 rm | 24.70 | 162 | 167 | 162 | 167 | 0.524 | 1,486.85 | 1000 |
| 3 x 50 rm | 27.40 | 200 | 203 | 200 | 203 | 0.387 | 1,936.59 | 1000 |
| 3 x 70 rm | 31.90 | 252 | 248 | 252 | 248 | 0.268 | 2,708.27 | 1000 |
| 3 x 95 rm | 36.70 | 309 | 298 | 309 | 298 | 0.193 | 3,664.87 | 1000 |
| 3 x 120 rm | 40.30 | 359 | 339 | 359 | 339 | 0.153 | 4,530.00 | 500 |
| 3 x 150 rm | 44.80 | 411 | 379 | 411 | 379 | 0.124 | 5,605.89 | 500 |
| 3 x 185 rm | 50.00 | 475 | 430 | 475 | 430 | 0.099 | 6,974.03 | 500 |
| 3 x 240 rm | 56.20 | 562 | 497 | 562 | 497 | 0.075 | 9,005.91 | 500 |
| 3 x 300 rm | 62.00 | 645 | 560 | 645 | 560 | 0.060 | 11,143.53 | 500 |
| 3 x 400 rm | 69.50 | 745 | 670 | 745 | 670 | 0.047 | 14,229.43 | 500 |
| 3 x 10 + 6 rm | 18.20 | 81 | 89 | 81 | 89 | 1.830 | 634.64 | 1000 |
| 3 x 16 + 10 rm | 20.00 | 108 | 116 | 108 | 116 | 1.150 | 891.84 | 1000 |
| 3 x 25 + 16 rm | 22.70 | 146 | 151 | 146 | 151 | 0.727 | 1,272.29 | 1000 |
| 3 x 35 + 16 rm | 25.40 | 180 | 181 | 180 | 181 | 0.524 | 1,631.96 | 1000 |
| 3 x 50 + 25 rm | 28.40 | 212 | 208 | 212 | 208 | 0.387 | 2,171.22 | 1000 |
| 3 x 70 + 35 rm | 33.40 | 265 | 254 | 265 | 254 | 0.268 | 3,058.33 | 1000 |

ALÇAK GERİLİM KABLolarI
Low Voltage Cables

0.6/1 kV XLPE İZOLELİ, ÇOK DAMARLI, BAKIR İLETKENLİ KABLolar

0.6/1 kV XLPE INSULATED, MULTI-CORE CABLES, WITH COPPER CONDUCTOR

| | | |
|------|----------|----------------|
| YXV | 0.6/1 Kv | TS IEC 60502-1 |
| N2XY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLolarI
Low Voltage Cables

ALÇAK GERİLİM KABLolarI LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / km | Kg | Mt |
| 3 x 95 + 50 rm | 37.90 | 327 | 305 | 327 | 305 | 0.193 | 4,090.31 | 1000 |
| 3 x 120 + 70 rm | 42.70 | 379 | 347 | 379 | 347 | 0.153 | 5,239.72 | 500 |
| 3 x 150 + 70 rm | 46.20 | 442 | 392 | 442 | 392 | 0.124 | 6,212.43 | 500 |
| 3 x 185 + 95 rm | 51.80 | 504 | 441 | 504 | 441 | 0.099 | 7,824.45 | 500 |
| 3 x 240 + 120 rm | 58.10 | 597 | 511 | 597 | 511 | 0.075 | 10,061.97 | 500 |
| 3 x 300 + 150 rm | 64.10 | 685 | 576 | 685 | 576 | 0.060 | 12,444.65 | 500 |
| 3 x 400 + 185 rm | 72.10 | 790 | 670 | 790 | 670 | 0.047 | 15,909.52 | 500 |
| 4 x 1.5 re | 12.40 | 27 | 31 | 27 | 31 | 12.100 | 228.04 | 1000 |
| 4 x 2.5 re | 13.40 | 35 | 41 | 35 | 41 | 7.410 | 286.74 | 1000 |
| 4 x 4 re | 13.60 | 47 | 53 | 47 | 53 | 4.610 | 334.86 | 1000 |
| 4 x 6 re | 15.60 | 59 | 67 | 59 | 67 | 3.080 | 463.77 | 1000 |
| 4 x 1.5 rm | 12.90 | 27 | 31 | 27 | 31 | 12.100 | 242.39 | 1000 |
| 4 x 2.5 rm | 13.90 | 35 | 41 | 35 | 41 | 7.410 | 302.12 | 1000 |
| 4 x 4 rm | 15.30 | 47 | 53 | 47 | 53 | 4.610 | 392.74 | 1000 |
| 4 x 6 rm | 18.20 | 59 | 67 | 59 | 67 | 3.080 | 559.36 | 1000 |
| 4 x 10 rm | 18.20 | 81 | 89 | 81 | 89 | 1.830 | 682.49 | 1000 |
| 4 x 16 rm | 20.70 | 108 | 116 | 108 | 116 | 1.150 | 969.58 | 1000 |
| 4 x 25 rm | 23.30 | 146 | 151 | 146 | 151 | 0.727 | 1,371.38 | 1000 |
| 4 x 35 rm | 27.10 | 180 | 181 | 180 | 181 | 0.524 | 1,874.74 | 1000 |
| 4 x 50 rm | 30.20 | 212 | 208 | 212 | 208 | 0.387 | 2,461.13 | 1000 |
| 4 x 70 rm | 35.20 | 265 | 254 | 265 | 254 | 0.268 | 3,450.13 | 1000 |
| 4 x 95 rm | 40.40 | 327 | 305 | 327 | 305 | 0.193 | 4,662.13 | 1000 |
| 4 x 120 rm | 45.10 | 379 | 347 | 379 | 347 | 0.153 | 5,858.84 | 500 |
| 4 x 150 rm | 49.70 | 442 | 392 | 442 | 392 | 0.124 | 7,187.77 | 500 |
| 4 x 185 rm | 55.80 | 504 | 441 | 504 | 441 | 0.099 | 8,994.94 | 500 |
| 4 x 240 rm | 62.20 | 597 | 511 | 597 | 511 | 0.075 | 11,530.90 | 500 |
| 4 x 300 rm | 68.70 | 685 | 576 | 685 | 576 | 0.060 | 14,293.71 | 500 |
| 4 x 400 rm | 77.40 | 790 | 670 | 790 | 670 | 0.047 | 18,351.01 | 500 |
| 4 x 10 + 6 rm | 19.70 | 81 | 89 | 81 | 89 | 1.830 | 772.60 | 1000 |
| 4 x 16 + 10 rm | 21.80 | 108 | 116 | 108 | 116 | 1.150 | 1,093.56 | 1000 |
| 4 x 25 + 16 rm | 24.80 | 146 | 151 | 146 | 151 | 0.727 | 1,569.20 | 1000 |
| 4 x 35 + 16 rm | 28.20 | 180 | 181 | 180 | 181 | 0.524 | 2,056.66 | 1000 |
| 4 x 50 + 25 rm | 32.00 | 212 | 208 | 212 | 208 | 0.387 | 2,776.14 | 1000 |
| 4 x 70 + 35 rm | 37.10 | 265 | 254 | 265 | 254 | 0.268 | 3,856.44 | 1000 |
| 4 x 95 + 50 rm | 42.90 | 327 | 305 | 327 | 305 | 0.193 | 5,253.67 | 1000 |
| 4 x 120 + 70 rm | 47.50 | 379 | 347 | 379 | 347 | 0.153 | 6,606.18 | 500 |
| 4 x 150 + 70 rm | 51.80 | 442 | 392 | 442 | 392 | 0.124 | 7,917.02 | 500 |
| 4 x 185 + 95 rm | 58.40 | 504 | 441 | 504 | 441 | 0.099 | 10,008.34 | 500 |
| 4 x 240 + 120 rm | 65.10 | 597 | 511 | 597 | 511 | 0.075 | 12,805.18 | 500 |
| 4 x 300 + 150 rm | 72.20 | 685 | 576 | 685 | 576 | 0.060 | 15,923.11 | 500 |
| 4 x 400 + 185 rm | 80.90 | 790 | 670 | 790 | 670 | 0.047 | 20,290.93 | 500 |
| 5 x 1.5 re | 13.20 | 27 | 32 | 27 | 32 | 12.100 | 262.56 | 1000 |
| 5 x 2.5 re | 14.30 | 36 | 42 | 36 | 42 | 7.410 | 333.31 | 1000 |
| 5 x 4 re | 15.40 | 48 | 54 | 48 | 54 | 4.610 | 426.77 | 1000 |
| 5 x 6 re | 16.70 | 61 | 68 | 61 | 68 | 3.080 | 547.48 | 1000 |
| 5 x 1.5 rm | 13.70 | 27 | 32 | 27 | 32 | 12.100 | 277.29 | 1000 |
| 5 x 2.5 rm | 14.80 | 36 | 42 | 36 | 42 | 7.410 | 349.11 | 1000 |
| 5 x 4 rm | 16.40 | 48 | 54 | 48 | 54 | 4.610 | 460.97 | 1000 |
| 5 x 6 rm | 19.70 | 61 | 68 | 61 | 68 | 3.080 | 666.54 | 1000 |
| 5 x 10 rm | 19.70 | 84 | 91 | 84 | 91 | 1.830 | 820.44 | 1000 |
| 5 x 16 rm | 22.40 | 112 | 118 | 112 | 118 | 1.150 | 1,168.62 | 1000 |
| 5 x 25 rm | 25.40 | 152 | 153 | 152 | 153 | 0.727 | 1,671.98 | 1000 |
| 5 x 35 rm | 29.80 | 187 | 184 | 187 | 184 | 0.524 | 2,304.38 | 1000 |

0.6/1 kV XLPE İZOLELİ, ÇOK DAMARLI, BAKIR İLETKENLİ KABLolar

0.6/1 kV XLPE INSULATED, MULTI-CORE CABLES, WITH COPPER CONDUCTOR

| | | |
|------|----------|----------------|
| YXV | 0.6/1 Kv | TS IEC 60502-1 |
| N2XY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLolarI

LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 5 x 50 rm | 33.60 | 227 | 217 | 227 | 217 | 0.387 | 3,065.17 | 1000 |
| 5 x 70 rm | 38.90 | 347 | 252 | 347 | 252 | 0.268 | 4,263.60 | 1000 |
| 5 x 95 rm | 45.10 | 305 | 303 | 305 | 303 | 0.193 | 5,822.09 | 1000 |
| 5 x 120 rm | 49.60 | 355 | 346 | 355 | 346 | 0.153 | 7,215.41 | 500 |
| 5 x 150 rm | 55.30 | 407 | 390 | 407 | 390 | 0.124 | 8,948.43 | 500 |
| 5 x 185 rm | 61.60 | 469 | 441 | 469 | 441 | 0.099 | 11,111.92 | 500 |
| 5 x 240 rm | 68.80 | 551 | 511 | 551 | 511 | 0.075 | 14,277.11 | 500 |
| 5 x 300 rm | 76.50 | 638 | 580 | 638 | 580 | 0.060 | 17,805.19 | 500 |
| 5 x 400 rm | 85.80 | 746 | 663 | 746 | 663 | 0.047 | 22,766.34 | 500 |
| 7 x 1.5 re | 14.00 | 15 | 20 | 15 | 20 | 12.100 | 305.10 | 1000 |
| 7 x 2.5 re | 15.20 | 21 | 26 | 21 | 26 | 7.410 | 394.15 | 1000 |
| 7 x 1.5 rm | 14.60 | 15 | 20 | 15 | 20 | 12.100 | 323.49 | 1000 |
| 7 x 2.5 rm | 15.80 | 21 | 26 | 21 | 26 | 7.410 | 413.88 | 1000 |
| 10 x 1.5 re | 15.40 | 12 | 16 | 12 | 16 | 12.100 | 381.00 | 1000 |
| 10 x 2.5 re | 16.80 | 18 | 22 | 18 | 22 | 7.410 | 501.56 | 1000 |
| 10 x 1.5 rm | 16.10 | 12 | 16 | 12 | 16 | 12.100 | 403.98 | 1000 |
| 10 x 2.5 rm | 17.50 | 18 | 22 | 18 | 22 | 7.410 | 526.33 | 1000 |
| 12 x 1.5 re | 16.60 | 12 | 16 | 12 | 16 | 12.100 | 447.11 | 1000 |
| 12 x 2.5 re | 18.10 | 17 | 21 | 17 | 21 | 7.410 | 589.16 | 1000 |
| 12 x 1.5 rm | 17.30 | 12 | 16 | 12 | 16 | 12.100 | 470.98 | 1000 |
| 12 x 2.5 rm | 18.90 | 17 | 21 | 17 | 21 | 7.410 | 620.12 | 1000 |
| 14 x 1.5 re | 17.40 | 12 | 16 | 12 | 16 | 12.100 | 497.64 | 1000 |
| 14 x 2.5 re | 19.10 | 16 | 20 | 16 | 20 | 7.410 | 665.41 | 1000 |
| 14 x 1.5 rm | 18.20 | 12 | 16 | 12 | 16 | 12.100 | 526.68 | 1000 |
| 14 x 2.5 rm | 19.90 | 16 | 20 | 16 | 20 | 7.410 | 696.91 | 1000 |
| 19 x 1.5 re | 19.60 | 10 | 14 | 10 | 14 | 12.100 | 643.18 | 1000 |
| 19 x 2.5 re | 21.60 | 14 | 18 | 14 | 18 | 7.410 | 868.85 | 1000 |
| 19 x 1.5 rm | 20.60 | 10 | 14 | 10 | 14 | 12.100 | 685.04 | 1000 |
| 19 x 2.5 rm | 22.60 | 14 | 18 | 14 | 18 | 7.410 | 914.51 | 1000 |
| 21 x 1.5 re | 20.50 | 10 | 13 | 10 | 13 | 12.100 | 706.53 | 1000 |
| 21 x 2.5 re | 22.60 | 14 | 17 | 14 | 17 | 7.410 | 955.36 | 1000 |
| 21 x 1.5 rm | 21.50 | 10 | 13 | 10 | 13 | 12.100 | 749.45 | 1000 |
| 21 x 2.5 rm | 23.70 | 14 | 17 | 14 | 17 | 7.410 | 1,008.88 | 1000 |
| 24 x 1.5 re | 21.30 | 9 | 12 | 9 | 12 | 12.100 | 772.35 | 1000 |
| 24 x 2.5 re | 23.60 | 13 | 16 | 13 | 16 | 7.410 | 1,056.69 | 1000 |
| 24 x 1.5 rm | 22.40 | 9 | 12 | 9 | 12 | 12.100 | 821.59 | 1000 |
| 24 x 2.5 rm | 24.70 | 13 | 16 | 13 | 16 | 7.410 | 1,110.74 | 1000 |
| 30 x 1.5 re | 23.30 | 8 | 11 | 8 | 11 | 12.100 | 935.89 | 1000 |
| 30 x 2.5 re | 25.80 | 13 | 16 | 13 | 16 | 7.410 | 1,282.80 | 1000 |
| 30 x 1.5 rm | 24.50 | 8 | 11 | 8 | 11 | 12.100 | 993.81 | 1000 |
| 30 x 2.5 rm | 27.30 | 13 | 16 | 13 | 16 | 7.410 | 1,366.79 | 1000 |
| 40 x 1.5 re | 23.90 | 8 | 11 | 8 | 11 | 12.100 | 928.43 | 1000 |
| 40 x 2.5 re | 26.10 | 11 | 14 | 11 | 14 | 7.410 | 1,194.40 | 1000 |
| 40 x 1.5 rm | 27.70 | 8 | 11 | 8 | 11 | 12.100 | 1,282.94 | 1000 |
| 40 x 2.5 rm | 30.90 | 11 | 14 | 11 | 14 | 7.410 | 1,772.89 | 1000 |
| 48 x 1.5 re | 29.10 | 7 | 10 | 7 | 10 | 12.100 | 1,477.27 | 1000 |
| 48 x 2.5 re | 33.20 | 10 | 13 | 10 | 13 | 7.410 | 2,111.45 | 1000 |
| 48 x 1.5 rm | 30.90 | 7 | 10 | 7 | 10 | 12.100 | 1,590.65 | 1000 |
| 48 x 2.5 rm | 34.90 | 10 | 13 | 10 | 13 | 7.410 | 2,233.95 | 1000 |
| 61 x 1.5 re | 31.60 | 6 | 9 | 6 | 9 | 12.100 | 1,771.06 | 1000 |
| 61 x 2.5 re | 35.40 | 9 | 12 | 9 | 12 | 7.410 | 2,481.95 | 1000 |
| 61 x 1.5 rm | 33.60 | 6 | 9 | 6 | 9 | 12.100 | 1,906.06 | 1000 |
| 61 x 2.5 rm | 37.40 | 9 | 12 | 9 | 12 | 7.410 | 2,631.95 | 1000 |

ALÇAK GERİLİM KABLolarI
Low Voltage Cables

0.6/1 kV XLPE İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI ÇOK DAMARLI, BAKIR İLETKENLİ KABLolar
0.6/1 kV XLPE INSULATED, ROUND STEEL WIRE ARMoured, MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YXZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLoları
Low Voltage Cables



TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Kısa devre sıcaklığı : 250°C (+<5 sn)
Test gerilimi (AC) : 3.5 kV
Serim Sıcaklığı min. : -5°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Maximum short circuit temp. : 250°C (+<5second)
Test voltage (AC) : 3.5 kV
Installation temp.min:-5°C

KULLANIM ALANLARI

Bina içinde veya dışında, yer altında, boru içinde açıkta, mekanik koruma istenilen yada yerleştirme ve çalışma sırasında maruz kalınan daha yüksek zorlanmalara olduğu yerlerde, kemirgen hayvanların bulunduğu ortamlarda kullanım içindir. Yüksek çalışma sıcaklığına uyum gösterir. Kısa süreli ani sıcaklık artışlarına dayanıklıdır. daha uzun ömürlüdür.

APPLICATIONS

For indoor, outdoor and underground installation in ducts and in the open where better mechanical protection is required, or for higher tensile stress during installation and operation. Suitable for comparatively high ambient temperature due to high maximum permissible conductor temperature.

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|----------------|---------------------|----------------------------|-------------|---------------|
| | | Current Carrying Capacity | | | | | | |
| Rated Cross Section | Overall Diameter Of Cable | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 10 mm | 10.40 | 78 | 92 | 80 | 91 | 1.830 | 249.69 | 1000 |
| 1 x 16 mm | 11.40 | 104 | 118 | 107 | 117 | 1.150 | 328.46 | 1000 |
| 1 x 25 mm | 12.50 | 141 | 152 | 145 | 151 | 0.727 | 435.40 | 1000 |
| 1 x 35 mm | 14.00 | 173 | 182 | 178 | 180 | 0.524 | 566.21 | 1000 |
| 1 x 50 mm | 16.10 | 213 | 216 | 220 | 214 | 0.387 | 810.95 | 1000 |
| 1 x 70 mm | 17.90 | 271 | 265 | 279 | 261 | 0.268 | 1,053.46 | 1000 |
| 1 x 95 mm | 19.90 | 335 | 316 | 346 | 312 | 0.193 | 1,357.54 | 1000 |
| 1 x 120 mm | 22.20 | 392 | 359 | 404 | 355 | 0.153 | 1,750.23 | 1000 |
| 1 x 150 mm | 24.00 | 451 | 403 | 466 | 397 | 0.124 | 2,079.25 | 1000 |
| 1 x 185 mm | 26.20 | 526 | 455 | 543 | 449 | 0.099 | 2,517.97 | 1000 |
| 1 x 240 mm | 28.90 | 630 | 527 | 650 | 519 | 0.075 | 3,148.39 | 1000 |
| 1 x 300 mm | 31.60 | 728 | 593 | 751 | 584 | 0.060 | 3,807.70 | 500 |

0.6/1 kV XLPE İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI ÇOK
DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, ROUND STEEL WIRE ARMoured,
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YXZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 400 rm | 36.00 | 848 | 671 | 875 | 660 | 0.047 | 5,023.51 | 500 |
| 1 x 500 rm | 39.60 | 985 | 757 | 1018 | 744 | 0.037 | 6,173.20 | 500 |
| 1 x 630 rm | 43.60 | 1141 | 849 | 1179 | 834 | 0.028 | 7,653.28 | 500 |
| 2 x 1.5 re | 12.80 | 29 | 34 | 29 | 34 | 12.100 | 305.00 | 1000 |
| 2 x 2.5 re | 13.60 | 38 | 44 | 38 | 44 | 7.410 | 354.15 | 1000 |
| 2 x 4 re | 14.40 | 50 | 58 | 50 | 58 | 4.610 | 416.82 | 1000 |
| 2 x 6 re | 16.30 | 64 | 73 | 64 | 73 | 3.080 | 585.53 | 1000 |
| 2 x 1.5 rm | 13.20 | 29 | 34 | 29 | 34 | 12.100 | 323.85 | 1000 |
| 2 x 2.5 rm | 14.00 | 38 | 44 | 38 | 44 | 7.410 | 373.73 | 1000 |
| 2 x 4 rm | 16.10 | 50 | 58 | 50 | 58 | 4.610 | 548.40 | 1000 |
| 2 x 6 rm | 17.30 | 64 | 73 | 64 | 73 | 3.080 | 648.37 | 1000 |
| 2 x 10 rm | 18.50 | 88 | 98 | 88 | 98 | 1.830 | 783.27 | 1000 |
| 2 x 16 rm | 20.50 | 116 | 128 | 116 | 128 | 1.150 | 1,003.27 | 1000 |
| 2 x 25 rm | 23.40 | 154 | 165 | 154 | 165 | 0.727 | 1,407.30 | 1000 |
| 2 x 35 rm | 26.40 | 190 | 199 | 190 | 199 | 0.524 | 1,805.83 | 1000 |
| 2 x 50 rm | 29.00 | 230 | 236 | 230 | 236 | 0.387 | 2,241.00 | 1000 |
| 2 x 70 rm | 33.80 | 292 | 292 | 292 | 292 | 0.268 | 3,135.85 | 1000 |
| 2 x 95 rm | 38.40 | 356 | 348 | 356 | 348 | 0.193 | 4,059.54 | 1000 |
| 2 x 120 rm | 42.00 | 414 | 397 | 414 | 397 | 0.153 | 4,872.28 | 1000 |
| 2 x 150 rm | 46.80 | 474 | 445 | 474 | 445 | 0.124 | 6,170.00 | 500 |
| 2 x 185 rm | 52.00 | 544 | 502 | 544 | 502 | 0.099 | 7,508.73 | 500 |
| 2 x 240 rm | 57.40 | 644 | 582 | 644 | 582 | 0.075 | 9,241.38 | 500 |
| 2 x 300 rm | 63.00 | 737 | 654 | 737 | 654 | 0.060 | 11,180.83 | 500 |
| 2 x 400 rm | 70.00 | 834 | 741 | 834 | 741 | 0.047 | 13,888.11 | 500 |
| 3 x 1.5 re | 13.30 | 21 | 28 | 21 | 28 | 12.100 | 334.94 | 1000 |
| 3 x 2.5 re | 14.20 | 32 | 37 | 32 | 37 | 7.410 | 398.57 | 1000 |
| 3 x 4 re | 15.00 | 43 | 49 | 43 | 49 | 4.610 | 468.42 | 1000 |
| 3 x 6 re | 17.00 | 54 | 61 | 54 | 61 | 3.080 | 666.98 | 1000 |
| 3 x 1.5 rm | 13.70 | 21 | 28 | 21 | 28 | 12.100 | 353.59 | 1000 |
| 3 x 2.5 rm | 14.60 | 32 | 37 | 32 | 37 | 7.410 | 414.00 | 1000 |
| 3 x 4 rm | 16.80 | 43 | 49 | 43 | 49 | 4.610 | 605.06 | 1000 |
| 3 x 6 rm | 18.10 | 54 | 61 | 54 | 61 | 3.080 | 733.26 | 1000 |
| 3 x 10 rm | 19.40 | 74 | 83 | 74 | 83 | 1.830 | 902.86 | 1000 |
| 3 x 16 rm | 22.20 | 99 | 107 | 99 | 107 | 1.150 | 1,285.00 | 1000 |
| 3 x 25 rm | 24.60 | 131 | 139 | 131 | 139 | 0.727 | 1,667.08 | 1000 |
| 3 x 35 rm | 28.10 | 162 | 167 | 162 | 167 | 0.524 | 2,185.68 | 1000 |
| 3 x 50 rm | 30.80 | 200 | 203 | 200 | 203 | 0.387 | 2,729.14 | 1000 |
| 3 x 70 rm | 36.30 | 252 | 248 | 252 | 248 | 0.268 | 3,867.48 | 1000 |
| 3 x 95 rm | 40.90 | 309 | 298 | 309 | 298 | 0.193 | 4,989.47 | 1000 |
| 3 x 120 rm | 45.70 | 359 | 339 | 359 | 339 | 0.153 | 6,361.94 | 500 |
| 3 x 150 rm | 50.20 | 411 | 379 | 411 | 379 | 0.124 | 7,690.76 | 500 |
| 3 x 185 rm | 55.40 | 475 | 430 | 475 | 430 | 0.099 | 9,305.19 | 500 |
| 3 x 240 rm | 61.60 | 562 | 497 | 562 | 497 | 0.075 | 11,626.59 | 500 |
| 3 x 300 rm | 67.40 | 645 | 560 | 645 | 560 | 0.060 | 14,058.39 | 500 |
| 3 x 400 rm | 76.20 | 745 | 670 | 745 | 670 | 0.047 | 18,348.83 | 500 |
| 3 x 10 + 6 rm | 20.40 | 81 | 89 | 81 | 89 | 1.830 | 985.52 | 1000 |
| 3 x 16 + 10 rm | 23.20 | 108 | 116 | 108 | 116 | 1.150 | 1,430.45 | 1000 |
| 3 x 25 + 16 rm | 25.90 | 146 | 151 | 146 | 151 | 0.727 | 1,892.71 | 1000 |
| 3 x 35 + 16 rm | 28.80 | 180 | 181 | 180 | 181 | 0.524 | 2,348.69 | 1000 |
| 3 x 50 + 25 rm | 31.80 | 212 | 208 | 212 | 208 | 0.387 | 2,998.31 | 1000 |
| 3 x 70 + 35 rm | 37.60 | 265 | 254 | 265 | 254 | 0.268 | 4,256.20 | 1000 |
| 3 x 95 + 50 rm | 42.30 | 327 | 305 | 327 | 305 | 0.193 | 5,492.48 | 1000 |
| 3 x 120 + 70 rm | 48.10 | 379 | 347 | 379 | 347 | 0.153 | 7,200.89 | 500 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

0.6/1 kV XLPE İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI ÇOK
DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, ROUND STEEL WIRE ARMoured,
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YXZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
LOW VOLTAGE CABLES

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Alr (A) | Toprakta Ground (A) | Havada Alr (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 5 x 95 rm | 50.30 | 305 | 303 | 305 | 303 | 0.193 | 7,882.72 | 1000 |
| 5 x 120 rm | 55.00 | 355 | 346 | 355 | 346 | 0.153 | 9,513.32 | 500 |
| 5 x 150 rm | 60.70 | 407 | 390 | 407 | 390 | 0.124 | 11,551.39 | 500 |
| 5 x 185 rm | 67.00 | 469 | 441 | 469 | 441 | 0.099 | 14,004.39 | 500 |
| 5 x 240 rm | 75.70 | 551 | 511 | 551 | 511 | 0.075 | 18,386.98 | 500 |
| 5 x 300 rm | 83.20 | 638 | 580 | 638 | 580 | 0.060 | 22,347.62 | 500 |
| 5 x 400 rm | 92.50 | 746 | 663 | 746 | 663 | 0.047 | 27,938.21 | 500 |
| 7 x 1.5 re | 16.50 | 15 | 20 | 15 | 20 | 12.100 | 577.81 | 1000 |
| 7 x 2.5 re | 17.70 | 21 | 26 | 21 | 26 | 7.410 | 696.77 | 1000 |
| 7 x 1.5 rm | 17.10 | 15 | 20 | 15 | 20 | 12.100 | 605.83 | 1000 |
| 7 x 2.5 rm | 18.30 | 21 | 26 | 21 | 26 | 7.410 | 726.14 | 1000 |
| 10 x 1.5 re | 17.90 | 12 | 16 | 12 | 16 | 12.100 | 683.05 | 1000 |
| 10 x 2.5 re | 19.30 | 18 | 22 | 18 | 22 | 7.410 | 843.60 | 1000 |
| 10 x 1.5 rm | 18.60 | 12 | 16 | 12 | 16 | 12.100 | 725.30 | 1000 |
| 10 x 2.5 rm | 20.00 | 18 | 22 | 18 | 22 | 7.410 | 878.00 | 1000 |
| 12 x 1.5 re | 19.10 | 12 | 16 | 12 | 16 | 12.100 | 778.36 | 1000 |
| 12 x 2.5 re | 20.60 | 17 | 21 | 17 | 21 | 7.410 | 960.69 | 1000 |
| 12 x 1.5 rm | 19.80 | 12 | 16 | 12 | 16 | 12.100 | 821.49 | 1000 |
| 12 x 2.5 rm | 22.10 | 17 | 21 | 17 | 21 | 7.410 | 1,124.28 | 1000 |
| 14 x 1.5 re | 19.90 | 12 | 16 | 12 | 16 | 12.100 | 848.45 | 1000 |
| 14 x 2.5 re | 22.30 | 16 | 20 | 16 | 20 | 7.410 | 1,170.16 | 1000 |
| 14 x 1.5 rm | 20.70 | 12 | 16 | 12 | 16 | 12.100 | 896.76 | 1000 |
| 14 x 2.5 rm | 23.10 | 16 | 20 | 16 | 20 | 7.410 | 1,233.23 | 1000 |
| 19 x 1.5 re | 22.80 | 10 | 14 | 10 | 14 | 12.100 | 1,162.42 | 1000 |
| 19 x 2.5 re | 24.80 | 14 | 18 | 14 | 18 | 7.410 | 1,453.99 | 1000 |
| 19 x 1.5 rm | 23.80 | 10 | 14 | 10 | 14 | 12.100 | 1,235.84 | 1000 |
| 19 x 2.5 rm | 25.80 | 14 | 18 | 14 | 18 | 7.410 | 1,531.21 | 1000 |
| 21 x 1.5 re | 23.70 | 10 | 13 | 10 | 13 | 12.100 | 1,257.63 | 1000 |
| 21 x 2.5 re | 25.80 | 14 | 17 | 14 | 17 | 7.410 | 1,572.65 | 1000 |
| 21 x 1.5 rm | 24.70 | 10 | 13 | 10 | 13 | 12.100 | 1,332.12 | 1000 |
| 21 x 2.5 rm | 27.10 | 14 | 17 | 14 | 17 | 7.410 | 1,670.46 | 1000 |
| 24 x 1.5 re | 24.50 | 9 | 12 | 9 | 12 | 12.100 | 1,339.68 | 1000 |
| 24 x 2.5 re | 27.00 | 13 | 16 | 13 | 16 | 7.410 | 1,719.10 | 1000 |
| 24 x 1.5 rm | 25.60 | 9 | 12 | 9 | 12 | 12.100 | 1,420.49 | 1000 |
| 24 x 2.5 rm | 28.10 | 13 | 16 | 13 | 16 | 7.410 | 1,805.23 | 1000 |
| 30 x 1.5 re | 26.70 | 8 | 11 | 8 | 11 | 12.100 | 1,579.78 | 1000 |
| 30 x 2.5 re | 29.20 | 13 | 16 | 13 | 16 | 7.410 | 2,011.15 | 1000 |
| 30 x 1.5 rm | 27.90 | 8 | 11 | 8 | 11 | 12.100 | 1,685.61 | 1000 |
| 30 x 2.5 rm | 30.70 | 13 | 16 | 13 | 16 | 7.410 | 2,144.70 | 1000 |
| 40 x 1.5 re | 29.50 | 8 | 11 | 8 | 11 | 12.100 | 1,935.79 | 1000 |
| 40 x 2.5 re | 33.60 | 11 | 14 | 11 | 14 | 7.410 | 2,706.70 | 1000 |
| 40 x 1.5 rm | 31.10 | 8 | 11 | 8 | 11 | 12.100 | 2,058.15 | 1000 |
| 40 x 2.5 rm | 35.10 | 11 | 14 | 11 | 14 | 7.410 | 2,874.60 | 1000 |
| 48 x 1.5 re | 33.50 | 7 | 10 | 7 | 10 | 12.100 | 2,513.37 | 1000 |
| 48 x 2.5 re | 37.40 | 10 | 13 | 10 | 13 | 7.410 | 3,292.47 | 1000 |
| 48 x 1.5 rm | 35.10 | 7 | 10 | 7 | 10 | 12.100 | 2,687.73 | 1000 |
| 48 x 2.5 rm | 39.30 | 10 | 13 | 10 | 13 | 7.410 | 3,508.22 | 1000 |
| 61 x 1.5 re | 36.00 | 6 | 9 | 6 | 9 | 12.100 | 2,911.97 | 1000 |
| 61 x 2.5 re | 39.80 | 9 | 12 | 9 | 12 | 7.410 | 3,785.18 | 1000 |
| 61 x 1.5 rm | 37.80 | 6 | 9 | 6 | 9 | 12.100 | 3,106.87 | 1000 |
| 61 x 2.5 rm | 41.60 | 9 | 12 | 9 | 12 | 7.410 | 3,968.63 | 1000 |

0.6/1 kV XLPE İZOLELİ, YUVARLAK ÇELİK TEL ZIRHLI ÇOK
DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, ROUND STEEL WIRE ARMoured,
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|-------|----------|----------------|
| YXZ2V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XRY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
LOW VOLTAGE CABLES

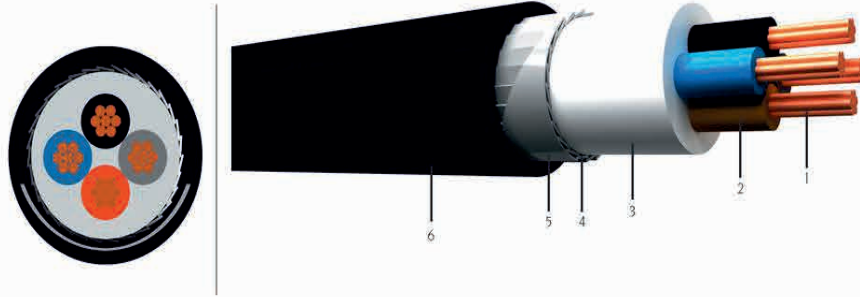
| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 3 x 150 + 70 rm | 51.60 | 442 | 392 | 442 | 392 | 0.124 | 8,348.53 | 500 |
| 3 x 185 + 95 rm | 57.00 | 504 | 441 | 504 | 441 | 0.099 | 10,220.11 | 500 |
| 3 x 240 + 120 rm | 63.50 | 597 | 511 | 597 | 511 | 0.075 | 12,777.00 | 500 |
| 3 x 300 + 150 rm | 69.50 | 685 | 576 | 685 | 576 | 0.060 | 15,459.10 | 500 |
| 3 x 400 + 185 rm | 79.00 | 790 | 670 | 790 | 670 | 0.047 | 20,272.08 | 500 |
| 4 x 1.5 re | 14.00 | 27 | 31 | 27 | 31 | 12.100 | 376.36 | 1000 |
| 4 x 2.5 re | 15.00 | 35 | 41 | 35 | 41 | 7.410 | 451.42 | 1000 |
| 4 x 4 re | 16.90 | 47 | 53 | 47 | 53 | 4.610 | 646.81 | 1000 |
| 4 x 6 re | 18.10 | 59 | 67 | 59 | 67 | 3.080 | 776.74 | 1000 |
| 4 x 1.5 rm | 14.50 | 27 | 31 | 27 | 31 | 12.100 | 398.60 | 1000 |
| 4 x 2.5 rm | 16.40 | 35 | 41 | 35 | 41 | 7.410 | 565.33 | 1000 |
| 4 x 4 rm | 17.80 | 47 | 53 | 47 | 53 | 4.610 | 695.12 | 1000 |
| 4 x 6 rm | 19.30 | 59 | 67 | 59 | 67 | 3.080 | 848.31 | 1000 |
| 4 x 10 rm | 20.70 | 81 | 89 | 81 | 89 | 1.830 | 1,054.75 | 1000 |
| 4 x 16 rm | 23.90 | 108 | 116 | 108 | 116 | 1.150 | 1,524.70 | 1000 |
| 4 x 25 rm | 26.70 | 146 | 151 | 146 | 151 | 0.727 | 2,020.84 | 1000 |
| 4 x 35 rm | 30.50 | 180 | 181 | 180 | 181 | 0.524 | 2,643.14 | 1000 |
| 4 x 50 rm | 34.40 | 212 | 208 | 212 | 208 | 0.387 | 3,557.31 | 1000 |
| 4 x 70 rm | 39.60 | 265 | 254 | 265 | 254 | 0.268 | 4,746.66 | 1000 |
| 4 x 95 rm | 45.80 | 327 | 305 | 327 | 305 | 0.193 | 6,495.88 | 1000 |
| 4 x 120 rm | 50.30 | 379 | 347 | 379 | 347 | 0.153 | 7,920.61 | 500 |
| 4 x 150 rm | 55.10 | 442 | 392 | 442 | 392 | 0.124 | 9,492.82 | 500 |
| 4 x 185 rm | 61.20 | 504 | 441 | 504 | 441 | 0.099 | 11,626.02 | 500 |
| 4 x 240 rm | 67.60 | 597 | 511 | 597 | 511 | 0.075 | 14,454.76 | 500 |
| 4 x 300 rm | 75.60 | 685 | 576 | 685 | 576 | 0.060 | 18,399.38 | 500 |
| 4 x 400 rm | 84.10 | 790 | 670 | 790 | 670 | 0.047 | 23,025.51 | 500 |
| 4 x 10 + 6 rm | 22.60 | 81 | 89 | 81 | 89 | 1.830 | 1,281.28 | 1000 |
| 4 x 16 + 10 rm | 25.00 | 108 | 116 | 108 | 116 | 1.150 | 1,681.31 | 1000 |
| 4 x 25 + 16 rm | 28.20 | 146 | 151 | 146 | 151 | 0.727 | 2,268.49 | 1000 |
| 4 x 35 + 16 rm | 31.60 | 180 | 181 | 180 | 181 | 0.524 | 2,858.93 | 1000 |
| 4 x 50 + 25 rm | 36.40 | 212 | 208 | 212 | 208 | 0.387 | 3,942.10 | 1000 |
| 4 x 70 + 35 rm | 41.30 | 265 | 254 | 265 | 254 | 0.268 | 5,214.93 | 1000 |
| 4 x 95 + 50 rm | 48.30 | 327 | 305 | 327 | 305 | 0.193 | 7,215.53 | 1000 |
| 4 x 120 + 70 rm | 52.90 | 379 | 347 | 379 | 347 | 0.153 | 8,818.57 | 500 |
| 4 x 150 + 70 rm | 57.00 | 442 | 392 | 442 | 392 | 0.124 | 10,324.13 | 500 |
| 4 x 185 + 95 rm | 63.80 | 504 | 441 | 504 | 441 | 0.099 | 12,770.11 | 500 |
| 4 x 240 + 120 rm | 70.50 | 597 | 511 | 597 | 511 | 0.075 | 15,901.41 | 500 |
| 4 x 300 + 150 rm | 79.10 | 685 | 576 | 685 | 576 | 0.060 | 20,238.41 | 500 |
| 4 x 400 + 185 rm | 87.60 | 790 | 670 | 790 | 670 | 0.047 | 25,175.23 | 500 |
| 5 x 1.5 re | 14.80 | 27 | 32 | 27 | 32 | 12.100 | 422.86 | 1000 |
| 5 x 2.5 re | 16.80 | 36 | 42 | 36 | 42 | 7.410 | 606.45 | 1000 |
| 5 x 4 re | 17.90 | 48 | 54 | 48 | 54 | 4.610 | 729.60 | 1000 |
| 5 x 6 re | 19.20 | 61 | 68 | 61 | 68 | 3.080 | 880.41 | 1000 |
| 5 x 1.5 rm | 16.20 | 27 | 32 | 27 | 32 | 12.100 | 540.07 | 1000 |
| 5 x 2.5 rm | 17.30 | 36 | 42 | 36 | 42 | 7.410 | 641.52 | 1000 |
| 5 x 4 rm | 18.90 | 48 | 54 | 48 | 54 | 4.610 | 792.70 | 1000 |
| 5 x 6 rm | 20.60 | 61 | 68 | 61 | 68 | 3.080 | 972.66 | 1000 |
| 5 x 10 rm | 22.90 | 84 | 91 | 84 | 91 | 1.830 | 1,342.19 | 1000 |
| 5 x 16 rm | 25.60 | 112 | 118 | 112 | 118 | 1.150 | 1,772.87 | 1000 |
| 5 x 25 rm | 28.80 | 152 | 153 | 152 | 153 | 0.727 | 2,388.06 | 1000 |
| 5 x 35 rm | 34.00 | 187 | 184 | 187 | 184 | 0.524 | 3,363.48 | 1000 |
| 5 x 50 rm | 37.80 | 227 | 217 | 227 | 217 | 0.387 | 4,295.95 | 1000 |
| 5 x 70 rm | 43.10 | 347 | 252 | 347 | 252 | 0.268 | 5,679.37 | 1000 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

0.6/1 kV XLPE İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, FLAT STEEL WIRE ARMoured, MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|---------|----------|----------------|
| YXZ3V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XFGbY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables



1. Bir veya çok telli bakır iletken
2. XLPE izole
3. PVC dolgu
4. Galvanizli yuvarlak çelik tel
5. Polyester bant
6. PVC dış kılıf

1. Solid or stranded copper conductor
2. XLPE insulation
3. PVC filler
4. Galvanized round steel wires
5. Polyester tape
6. PVC outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Kısa devre sıcaklığı : 250°C (+ < 5 sn)
Test gerilimi (AC) : 3.5 kV
Serim Sıcaklığı min. : - 5°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Maximum short circuit temp. : 250°C (+ < 5second)
Test voltage (AC) : 3.5 kV
Installation temp.min:-5°C

KULLANIM ALANLARI

Bina içinde veya dışında, yer altında, boru içinde açıkta, mekanik koruma istenileni yada yerleştirme ve çalışma sırasında manuz kalman daha yüksek zorlanmaların olduğu yerlerde, kemirgen hayvanların bulunduğu ortamlarda kullanım içindir. Yüksek çalışma sıcaklığına uyum gösterir. Kısa süreli ani sıcaklık artışlarına dayanıklıdır. daha uzun ömürlüdür.

APPLICATIONS

For indoor, outdoor and underground installation in ducts and in the open where better mechanical protection is required, or for higher tensile stress during installation and operation. Suitable for comparatively high ambient temperature due to high maximum permissible conductor temperature.

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| | | Current Carrying Capacity | | | | | | |
| Rated Cross Section | Overall Diameter Of Cable | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | | | | | Ohm / Km | Kg | Mt |
| 1 x 10 mm | 10.40 | 78 | 92 | 80 | 91 | 1.830 | 249.69 | 1000 |
| 1 x 16 mm | 11.40 | 104 | 118 | 107 | 117 | 1.150 | 328.46 | 1000 |
| 1 x 25 mm | 12.50 | 141 | 152 | 145 | 151 | 0.727 | 435.40 | 1000 |
| 1 x 35 mm | 14.00 | 173 | 182 | 178 | 180 | 0.524 | 566.21 | 1000 |
| 1 x 50 mm | 16.10 | 213 | 216 | 220 | 214 | 0.387 | 810.95 | 1000 |
| 1 x 70 mm | 17.90 | 271 | 265 | 279 | 261 | 0.268 | 1,053.46 | 1000 |
| 1 x 95 mm | 19.90 | 335 | 316 | 346 | 312 | 0.193 | 1,357.54 | 1000 |
| 1 x 120 mm | 22.20 | 392 | 359 | 404 | 355 | 0.153 | 1,750.23 | 1000 |
| 1 x 150 mm | 24.00 | 451 | 403 | 466 | 397 | 0.124 | 2,079.25 | 1000 |
| 1 x 185 mm | 26.20 | 526 | 455 | 543 | 449 | 0.099 | 2,517.97 | 1000 |
| 1 x 240 mm | 28.90 | 630 | 527 | 650 | 519 | 0.075 | 3,148.39 | 1000 |
| 1 x 300 mm | 31.60 | 728 | 593 | 751 | 584 | 0.060 | 3,807.70 | 500 |

0.6/1 kV XLPE İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK
DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, FLAT STEEL WIRE ARMoured,
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|---------|----------|----------------|
| YXZ3V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XFGbY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 400 rm | 36.00 | 848 | 671 | 875 | 660 | 0.047 | 5,023.51 | 500 |
| 1 x 500 rm | 39.60 | 985 | 757 | 1018 | 744 | 0.037 | 6,173.20 | 500 |
| 1 x 630 rm | 43.60 | 1141 | 849 | 1179 | 834 | 0.028 | 7,653.28 | 500 |
| 2 x 1.5 re | 12.80 | 29 | 34 | 29 | 34 | 12.100 | 305.00 | 1000 |
| 2 x 2.5 re | 13.60 | 38 | 44 | 38 | 44 | 7.410 | 354.15 | 1000 |
| 2 x 4 re | 14.40 | 50 | 58 | 50 | 58 | 4.610 | 416.82 | 1000 |
| 2 x 6 re | 16.30 | 64 | 73 | 64 | 73 | 3.080 | 585.53 | 1000 |
| 2 x 1.5 rm | 13.20 | 29 | 34 | 29 | 34 | 12.100 | 323.85 | 1000 |
| 2 x 2.5 rm | 14.00 | 38 | 44 | 38 | 44 | 7.410 | 373.73 | 1000 |
| 2 x 4 rm | 16.10 | 50 | 58 | 50 | 58 | 4.610 | 548.40 | 1000 |
| 2 x 6 rm | 17.30 | 64 | 73 | 64 | 73 | 3.080 | 648.37 | 1000 |
| 2 x 10 rm | 18.50 | 88 | 98 | 88 | 98 | 1.830 | 783.27 | 1000 |
| 2 x 16 rm | 20.50 | 116 | 128 | 116 | 128 | 1.150 | 1,003.27 | 1000 |
| 2 x 25 rm | 23.40 | 154 | 165 | 154 | 165 | 0.727 | 1,407.30 | 1000 |
| 2 x 35 rm | 26.40 | 190 | 199 | 190 | 199 | 0.524 | 1,805.83 | 1000 |
| 2 x 50 rm | 29.00 | 230 | 236 | 230 | 236 | 0.387 | 2,241.00 | 1000 |
| 2 x 70 rm | 33.80 | 292 | 292 | 292 | 292 | 0.268 | 3,135.85 | 1000 |
| 2 x 95 rm | 38.40 | 356 | 348 | 356 | 348 | 0.193 | 4,059.54 | 1000 |
| 2 x 120 rm | 42.00 | 414 | 397 | 414 | 397 | 0.153 | 4,872.28 | 1000 |
| 2 x 150 rm | 46.80 | 474 | 445 | 474 | 445 | 0.124 | 6,170.00 | 500 |
| 2 x 185 rm | 52.00 | 544 | 502 | 544 | 502 | 0.099 | 7,508.73 | 500 |
| 2 x 240 rm | 57.40 | 644 | 582 | 644 | 582 | 0.075 | 9,241.38 | 500 |
| 2 x 300 rm | 63.00 | 737 | 654 | 737 | 654 | 0.060 | 11,180.83 | 500 |
| 2 x 400 rm | 70.00 | 834 | 741 | 834 | 741 | 0.047 | 13,888.11 | 500 |
| 3 x 1.5 re | 13.30 | 21 | 28 | 21 | 28 | 12.100 | 334.94 | 1000 |
| 3 x 2.5 re | 14.20 | 32 | 37 | 32 | 37 | 7.410 | 398.57 | 1000 |
| 3 x 4 re | 15.00 | 43 | 49 | 43 | 49 | 4.610 | 468.42 | 1000 |
| 3 x 6 re | 17.00 | 54 | 61 | 54 | 61 | 3.080 | 666.98 | 1000 |
| 3 x 1.5 rm | 13.70 | 21 | 28 | 21 | 28 | 12.100 | 353.59 | 1000 |
| 3 x 2.5 rm | 14.60 | 32 | 37 | 32 | 37 | 7.410 | 414.00 | 1000 |
| 3 x 4 rm | 16.80 | 43 | 49 | 43 | 49 | 4.610 | 605.06 | 1000 |
| 3 x 6 rm | 18.10 | 54 | 61 | 54 | 61 | 3.080 | 733.26 | 1000 |
| 3 x 10 rm | 19.40 | 74 | 83 | 74 | 83 | 1.830 | 902.86 | 1000 |
| 3 x 16 rm | 22.20 | 99 | 107 | 99 | 107 | 1.150 | 1,285.00 | 1000 |
| 3 x 25 rm | 24.60 | 131 | 139 | 131 | 139 | 0.727 | 1,667.08 | 1000 |
| 3 x 35 rm | 28.10 | 162 | 167 | 162 | 167 | 0.524 | 2,185.68 | 1000 |
| 3 x 50 rm | 30.80 | 200 | 203 | 200 | 203 | 0.387 | 2,729.14 | 1000 |
| 3 x 70 rm | 36.30 | 252 | 248 | 252 | 248 | 0.268 | 3,867.48 | 1000 |
| 3 x 95 rm | 40.90 | 309 | 298 | 309 | 298 | 0.193 | 4,989.47 | 1000 |
| 3 x 120 rm | 45.70 | 359 | 339 | 359 | 339 | 0.153 | 6,361.94 | 500 |
| 3 x 150 rm | 50.20 | 411 | 379 | 411 | 379 | 0.124 | 7,690.76 | 500 |
| 3 x 185 rm | 55.40 | 475 | 430 | 475 | 430 | 0.099 | 9,305.19 | 500 |
| 3 x 240 rm | 61.60 | 562 | 497 | 562 | 497 | 0.075 | 11,626.59 | 500 |
| 3 x 300 rm | 67.40 | 645 | 560 | 645 | 560 | 0.060 | 14,058.39 | 500 |
| 3 x 400 rm | 76.20 | 745 | 670 | 745 | 670 | 0.047 | 18,348.83 | 500 |
| 3 x 10 + 6 rm | 20.40 | 81 | 89 | 81 | 89 | 1.830 | 985.52 | 1000 |
| 3 x 16 + 10 rm | 23.20 | 108 | 116 | 108 | 116 | 1.150 | 1,430.45 | 1000 |
| 3 x 25 + 16 rm | 25.90 | 146 | 151 | 146 | 151 | 0.727 | 1,892.71 | 1000 |
| 3 x 35 + 16 rm | 28.80 | 180 | 181 | 180 | 181 | 0.524 | 2,348.69 | 1000 |
| 3 x 50 + 25 rm | 31.80 | 212 | 208 | 212 | 208 | 0.387 | 2,998.31 | 1000 |
| 3 x 70 + 35 rm | 37.60 | 265 | 254 | 265 | 254 | 0.268 | 4,256.20 | 1000 |
| 3 x 95 + 50 rm | 42.30 | 327 | 305 | 327 | 305 | 0.193 | 5,492.48 | 1000 |
| 3 x 120 + 70 rm | 48.10 | 379 | 347 | 379 | 347 | 0.153 | 7,200.89 | 500 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

0.6/1 kV XLPE İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK
DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, FLAT STEEL WIRE ARMoured,
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|---------|----------|----------------|
| YXZ3V | 0,6/1 Kv | TS IEC 60502-1 |
| N2XFGbY | 0,6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
LOW VOLTAGE CABLES

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 3 x 150 + 70 rm | 51.60 | 442 | 392 | 442 | 392 | 0.124 | 8,348.53 | 500 |
| 3 x 185 + 95 rm | 57.00 | 504 | 441 | 504 | 441 | 0.099 | 10,220.11 | 500 |
| 3 x 240 + 120 rm | 63.50 | 597 | 511 | 597 | 511 | 0.075 | 12,777.00 | 500 |
| 3 x 300 + 150 rm | 69.50 | 685 | 576 | 685 | 576 | 0.060 | 15,459.10 | 500 |
| 3 x 400 + 185 rm | 79.00 | 790 | 670 | 790 | 670 | 0.047 | 20,272.08 | 500 |
| 4 x 1.5 re | 14.00 | 27 | 31 | 27 | 31 | 12.100 | 376.36 | 1000 |
| 4 x 2.5 re | 15.00 | 35 | 41 | 35 | 41 | 7.410 | 451.42 | 1000 |
| 4 x 4 re | 16.90 | 47 | 53 | 47 | 53 | 4.610 | 646.81 | 1000 |
| 4 x 6 re | 18.10 | 59 | 67 | 59 | 67 | 3.080 | 776.74 | 1000 |
| 4 x 1.5 rm | 14.50 | 27 | 31 | 27 | 31 | 12.100 | 398.60 | 1000 |
| 4 x 2.5 rm | 16.40 | 35 | 41 | 35 | 41 | 7.410 | 565.33 | 1000 |
| 4 x 4 rm | 17.80 | 47 | 53 | 47 | 53 | 4.610 | 695.12 | 1000 |
| 4 x 6 rm | 19.30 | 59 | 67 | 59 | 67 | 3.080 | 848.31 | 1000 |
| 4 x 10 rm | 20.70 | 81 | 89 | 81 | 89 | 1.830 | 1,054.75 | 1000 |
| 4 x 16 rm | 23.90 | 108 | 116 | 108 | 116 | 1.150 | 1,524.70 | 1000 |
| 4 x 25 rm | 26.70 | 146 | 151 | 146 | 151 | 0.727 | 2,020.84 | 1000 |
| 4 x 35 rm | 30.50 | 180 | 181 | 180 | 181 | 0.524 | 2,643.14 | 1000 |
| 4 x 50 rm | 34.40 | 212 | 208 | 212 | 208 | 0.387 | 3,557.31 | 1000 |
| 4 x 70 rm | 39.60 | 265 | 254 | 265 | 254 | 0.268 | 4,746.66 | 1000 |
| 4 x 95 rm | 45.80 | 327 | 305 | 327 | 305 | 0.193 | 6,495.88 | 1000 |
| 4 x 120 rm | 50.30 | 379 | 347 | 379 | 347 | 0.153 | 7,920.61 | 500 |
| 4 x 150 rm | 55.10 | 442 | 392 | 442 | 392 | 0.124 | 9,492.82 | 500 |
| 4 x 185 rm | 61.20 | 504 | 441 | 504 | 441 | 0.099 | 11,626.02 | 500 |
| 4 x 240 rm | 67.60 | 597 | 511 | 597 | 511 | 0.075 | 14,454.76 | 500 |
| 4 x 300 rm | 75.60 | 685 | 576 | 685 | 576 | 0.060 | 18,399.38 | 500 |
| 4 x 400 rm | 84.10 | 790 | 670 | 790 | 670 | 0.047 | 23,025.51 | 500 |
| 4 x 10 + 6 rm | 22.60 | 81 | 89 | 81 | 89 | 1.830 | 1,281.28 | 1000 |
| 4 x 16 + 10 rm | 25.00 | 108 | 116 | 108 | 116 | 1.150 | 1,681.31 | 1000 |
| 4 x 25 + 16 rm | 28.20 | 146 | 151 | 146 | 151 | 0.727 | 2,268.49 | 1000 |
| 4 x 35 + 16 rm | 31.60 | 180 | 181 | 180 | 181 | 0.524 | 2,858.93 | 1000 |
| 4 x 50 + 25 rm | 36.40 | 212 | 208 | 212 | 208 | 0.387 | 3,942.10 | 1000 |
| 4 x 70 + 35 rm | 41.30 | 265 | 254 | 265 | 254 | 0.268 | 5,214.93 | 1000 |
| 4 x 95 + 50 rm | 48.30 | 327 | 305 | 327 | 305 | 0.193 | 7,215.53 | 1000 |
| 4 x 120 + 70 rm | 52.90 | 379 | 347 | 379 | 347 | 0.153 | 8,818.57 | 500 |
| 4 x 150 + 70 rm | 57.00 | 442 | 392 | 442 | 392 | 0.124 | 10,324.13 | 500 |
| 4 x 185 + 95 rm | 63.80 | 504 | 441 | 504 | 441 | 0.099 | 12,770.11 | 500 |
| 4 x 240 + 120 rm | 70.50 | 597 | 511 | 597 | 511 | 0.075 | 15,901.41 | 500 |
| 4 x 300 + 150 rm | 79.10 | 685 | 576 | 685 | 576 | 0.060 | 20,238.41 | 500 |
| 4 x 400 + 185 rm | 87.60 | 790 | 670 | 790 | 670 | 0.047 | 25,175.23 | 500 |
| 5 x 1.5 re | 14.80 | 27 | 32 | 27 | 32 | 12.100 | 422.86 | 1000 |
| 5 x 2.5 re | 16.80 | 36 | 42 | 36 | 42 | 7.410 | 606.45 | 1000 |
| 5 x 4 re | 17.90 | 48 | 54 | 48 | 54 | 4.610 | 729.60 | 1000 |
| 5 x 6 re | 19.20 | 61 | 68 | 61 | 68 | 3.080 | 880.41 | 1000 |
| 5 x 1.5 rm | 16.20 | 27 | 32 | 27 | 32 | 12.100 | 540.07 | 1000 |
| 5 x 2.5 rm | 17.30 | 36 | 42 | 36 | 42 | 7.410 | 641.52 | 1000 |
| 5 x 4 rm | 18.90 | 48 | 54 | 48 | 54 | 4.610 | 792.70 | 1000 |
| 5 x 6 rm | 20.60 | 61 | 68 | 61 | 68 | 3.080 | 972.66 | 1000 |
| 5 x 10 rm | 22.90 | 84 | 91 | 84 | 91 | 1.830 | 1,342.19 | 1000 |
| 5 x 16 rm | 25.60 | 112 | 118 | 112 | 118 | 1.150 | 1,772.87 | 1000 |
| 5 x 25 rm | 28.80 | 152 | 153 | 152 | 153 | 0.727 | 2,388.06 | 1000 |
| 5 x 35 rm | 34.00 | 187 | 184 | 187 | 184 | 0.524 | 3,363.48 | 1000 |
| 5 x 50 rm | 37.80 | 227 | 217 | 227 | 217 | 0.387 | 4,295.95 | 1000 |
| 5 x 70 rm | 43.10 | 347 | 252 | 347 | 252 | 0.268 | 5,679.37 | 1000 |

0.6/1 kV XLPE İZOLELİ, YASSI ÇELİK TEL ZIRHLI, ÇOK
DAMARLI, BAKIR İLETKENLİ KABLOLAR
0.6/1 kV XLPE INSULATED, FLAT STEEL WIRE ARMoured,
MULTI-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|---------|----------|----------------|
| YXZ3V | 0.6/1 Kv | TS IEC 60502-1 |
| N2XFGbY | 0.6/1 Kv | VDE 0271 |

ALÇAK GERİLİM KABLOLARI
LOW VOLTAGE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 5 x 95 rm | 50.30 | 305 | 303 | 305 | 303 | 0.193 | 7,882.72 | 1000 |
| 5 x 120 rm | 55.00 | 355 | 346 | 355 | 346 | 0.153 | 9,513.32 | 500 |
| 5 x 150 rm | 60.70 | 407 | 390 | 407 | 390 | 0.124 | 11,551.39 | 500 |
| 5 x 185 rm | 67.00 | 469 | 441 | 469 | 441 | 0.099 | 14,004.39 | 500 |
| 5 x 240 rm | 75.70 | 551 | 511 | 551 | 511 | 0.075 | 18,386.98 | 500 |
| 5 x 300 rm | 83.20 | 638 | 580 | 638 | 580 | 0.060 | 22,347.62 | 500 |
| 5 x 400 rm | 92.50 | 746 | 663 | 746 | 663 | 0.047 | 27,938.21 | 500 |
| 7 x 1.5 re | 16.50 | 15 | 20 | 15 | 20 | 12.100 | 577.81 | 1000 |
| 7 x 2.5 re | 17.70 | 21 | 26 | 21 | 26 | 7.410 | 696.77 | 1000 |
| 7 x 1.5 rm | 17.10 | 15 | 20 | 15 | 20 | 12.100 | 605.83 | 1000 |
| 7 x 2.5 rm | 18.30 | 21 | 26 | 21 | 26 | 7.410 | 726.14 | 1000 |
| 10 x 1.5 re | 17.90 | 12 | 16 | 12 | 16 | 12.100 | 683.05 | 1000 |
| 10 x 2.5 re | 19.30 | 18 | 22 | 18 | 22 | 7.410 | 843.60 | 1000 |
| 10 x 1.5 rm | 18.60 | 12 | 16 | 12 | 16 | 12.100 | 725.30 | 1000 |
| 10 x 2.5 rm | 20.00 | 18 | 22 | 18 | 22 | 7.410 | 878.00 | 1000 |
| 12 x 1.5 re | 19.10 | 12 | 16 | 12 | 16 | 12.100 | 778.36 | 1000 |
| 12 x 2.5 re | 20.60 | 17 | 21 | 17 | 21 | 7.410 | 960.69 | 1000 |
| 12 x 1.5 rm | 19.80 | 12 | 16 | 12 | 16 | 12.100 | 821.49 | 1000 |
| 12 x 2.5 rm | 22.10 | 17 | 21 | 17 | 21 | 7.410 | 1,124.28 | 1000 |
| 14 x 1.5 re | 19.90 | 12 | 16 | 12 | 16 | 12.100 | 848.45 | 1000 |
| 14 x 2.5 re | 22.30 | 16 | 20 | 16 | 20 | 7.410 | 1,170.16 | 1000 |
| 14 x 1.5 rm | 20.70 | 12 | 16 | 12 | 16 | 12.100 | 896.76 | 1000 |
| 14 x 2.5 rm | 23.10 | 16 | 20 | 16 | 20 | 7.410 | 1,233.23 | 1000 |
| 19 x 1.5 re | 22.80 | 10 | 14 | 10 | 14 | 12.100 | 1,162.42 | 1000 |
| 19 x 2.5 re | 24.80 | 14 | 18 | 14 | 18 | 7.410 | 1,453.99 | 1000 |
| 19 x 1.5 rm | 23.80 | 10 | 14 | 10 | 14 | 12.100 | 1,235.84 | 1000 |
| 19 x 2.5 rm | 25.80 | 14 | 18 | 14 | 18 | 7.410 | 1,531.21 | 1000 |
| 21 x 1.5 re | 23.70 | 10 | 13 | 10 | 13 | 12.100 | 1,257.63 | 1000 |
| 21 x 2.5 re | 25.80 | 14 | 17 | 14 | 17 | 7.410 | 1,572.65 | 1000 |
| 21 x 1.5 rm | 24.70 | 10 | 13 | 10 | 13 | 12.100 | 1,332.12 | 1000 |
| 21 x 2.5 rm | 27.10 | 14 | 17 | 14 | 17 | 7.410 | 1,670.46 | 1000 |
| 24 x 1.5 re | 24.50 | 9 | 12 | 9 | 12 | 12.100 | 1,339.68 | 1000 |
| 24 x 2.5 re | 27.00 | 13 | 16 | 13 | 16 | 7.410 | 1,719.10 | 1000 |
| 24 x 1.5 rm | 25.60 | 9 | 12 | 9 | 12 | 12.100 | 1,420.49 | 1000 |
| 24 x 2.5 rm | 28.10 | 13 | 16 | 13 | 16 | 7.410 | 1,805.23 | 1000 |
| 30 x 1.5 re | 26.70 | 8 | 11 | 8 | 11 | 12.100 | 1,579.78 | 1000 |
| 30 x 2.5 re | 29.20 | 13 | 16 | 13 | 16 | 7.410 | 2,011.15 | 1000 |
| 30 x 1.5 rm | 27.90 | 8 | 11 | 8 | 11 | 12.100 | 1,685.61 | 1000 |
| 30 x 2.5 rm | 30.70 | 13 | 16 | 13 | 16 | 7.410 | 2,144.70 | 1000 |
| 40 x 1.5 re | 29.50 | 8 | 11 | 8 | 11 | 12.100 | 1,935.79 | 1000 |
| 40 x 2.5 re | 33.60 | 11 | 14 | 11 | 14 | 7.410 | 2,706.70 | 1000 |
| 40 x 1.5 rm | 31.10 | 8 | 11 | 8 | 11 | 12.100 | 2,058.15 | 1000 |
| 40 x 2.5 rm | 35.10 | 11 | 14 | 11 | 14 | 7.410 | 2,874.60 | 1000 |
| 48 x 1.5 re | 33.50 | 7 | 10 | 7 | 10 | 12.100 | 2,513.37 | 1000 |
| 48 x 2.5 re | 37.40 | 10 | 13 | 10 | 13 | 7.410 | 3,292.47 | 1000 |
| 48 x 1.5 rm | 35.10 | 7 | 10 | 7 | 10 | 12.100 | 2,687.73 | 1000 |
| 48 x 2.5 rm | 39.30 | 10 | 13 | 10 | 13 | 7.410 | 3,508.22 | 1000 |
| 61 x 1.5 re | 36.00 | 6 | 9 | 6 | 9 | 12.100 | 2,911.97 | 1000 |
| 61 x 2.5 re | 39.80 | 9 | 12 | 9 | 12 | 7.410 | 3,785.18 | 1000 |
| 61 x 1.5 rm | 37.80 | 6 | 9 | 6 | 9 | 12.100 | 3,106.87 | 1000 |
| 61 x 2.5 rm | 41.60 | 9 | 12 | 9 | 12 | 7.410 | 3,968.63 | 1000 |

ALÇAK GERİLİM KABLOLARI
Low Voltage Cables

HALOJENSİZ ALEVİ İLETMİYEN TEK DAMARLI BAKIR İLETKENLİ KABLolar

HALOGEN FREE, FLAME RETARDANT, SINGLE-CORE CABLES WITH COPPER CONDUCTOR

| | | | |
|-----------|-----------|---------|----------|
| H05Z1-U | 300/500 V | TS 9758 | VDE 0281 |
| H07Z1-U/R | 450/750 V | TS 9758 | VDE 0281 |



TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Serim Sıcaklığı : min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp : 160°C
Installation temp. : -20°C

KULLANIM ALANLARI

Kuru mekanlarda, şalt tesislerde, dağıtım sistemlerinde, işletmelerde aydınlatma ve tesisat kablolu olarak kullanılır.

APPLICATIONS

Used in dry places, switch gear rooms, distribution boards, industrial plants as lighting and building wire.

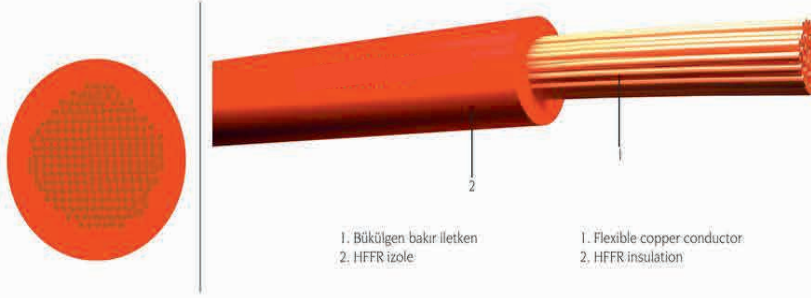
| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|------------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20 °C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt. |
| 0.5 | 2.00 | 7 | - | 36.000 | 3.96 | 100 |
| 0.75 | 2.20 | 12 | - | 24.500 | 4.58 | 100 |
| 1 | 2.30 | 18 | - | 18.100 | 4.73 | 100 |
| 1.5 | 2.80 | 24 | 15 | 12.100 | 6.99 | 100 |
| 2.5 | 3.40 | 32 | 19 | 7.410 | 9.87 | 100 |
| 4 | 3.80 | 42 | 25 | 4.610 | 11.01 | 100 |
| 6 | 4.30 | 54 | 33 | 3.080 | 12.78 | 100 |
| 10 | 5.50 | 73 | 45 | 1.830 | 20.64 | 100 |
| 16 | 6.50 | 98 | 61 | 1.150 | 25.77 | 100 |
| 1.5 | 3.00 | 24 | 15 | 12.100 | 8.35 | 100 |
| 2.5 | 3.60 | 32 | 19 | 7.410 | 11.52 | 100 |
| 4 | 4.20 | 42 | 25 | 4.610 | 14.78 | 100 |
| 6 | 4.80 | 54 | 33 | 3.080 | 18.14 | 100 |
| 10 | 5.80 | 73 | 45 | 1.830 | 24.63 | 100 |
| 16 | 6.80 | 98 | 61 | 1.150 | 30.48 | 100 |
| 25 | 8.30 | 129 | 83 | 0.727 | 43.66 | 100 or 1000 |
| 35 | 9.40 | 158 | 103 | 0.524 | 51.60 | 100 or 1000 |
| 50 | 11.00 | 197 | 132 | 0.387 | 67.55 | 100 or 1000 |
| 70 | 12.60 | 245 | 165 | 0.268 | 82.03 | 100 or 1000 |
| 95 | 14.80 | 290 | 207 | 0.193 | 115.55 | 100 or 1000 |
| 120 | 16.20 | 345 | 235 | 0.153 | 129.18 | 100 or 1000 |
| 150 | 18.00 | 390 | - | 0.124 | 156.70 | 100 or 1000 |
| 185 | 20.20 | 445 | - | 0.099 | 203.21 | 100 or 1000 |
| 240 | 22.90 | 525 | - | 0.075 | 257.81 | 100 or 1000 |
| 300 | 25.60 | 605 | - | 0.060 | 322.08 | 100 or 1000 |
| 400 | 28.80 | 725 | - | 0.047 | 377.16 | 100 or 1000 |

HALOJENSİZ ALEVİ İLETMEYEN TEK DAMARLI BAKIR İLETKENLİ KABLolar

HALOGEN FREE, FLAME RETARDANT, SINGLE-CORE CABLES WITH COPPER CONDUCTOR

| | | |
|---------|-----------|----------------|
| H05Z1-K | 300/500 V | TS HD 21.15 S1 |
| H07Z1-K | 450/750 V | TS HD 21.15 S1 |

HALOJENSİZ KABLolar
Halogen Free Cables



1. Bükülgen bakır iletken
2. HFFR izole

1. Flexible copper conductor
2. HFFR insulation

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Serim Sıcaklığı min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp : 160°C
Installation temp.: -20°C

KULLANIM ALANLARI

Kuru mekanlarda, şalt tesislerinde, dağıtım sistemlerinde, işletmelerde aydınlatma ve tesisat kablolularu olarak kullanılır.

APPLICATIONS

Used in dry places, switch gear rooms, distribution boards, industrial plants as lighting and building wire.

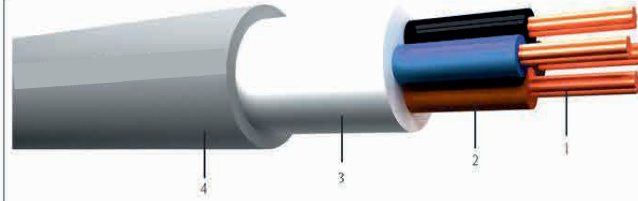
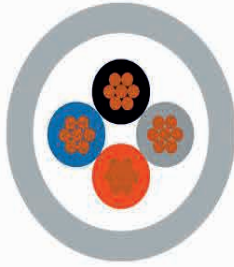
Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|-----------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akım (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 0.5 | 2.200 | 6 | - | 39.000 | 9.10 | 100 |
| 0.75 | 2.300 | 10 | - | 26.000 | 11.33 | 100 |
| 1 | 2.500 | 16 | - | 19.500 | 14.15 | 100 |
| 1.5 | 2.900 | 24 | 15 | 13.300 | 19.91 | 100 |
| 2.5 | 3.600 | 32 | 19 | 7.980 | 31.95 | 100 |
| 4 | 4.100 | 41 | 25 | 4.950 | 46.65 | 100 |
| 6 | 4.600 | 53 | 33 | 3.300 | 65.19 | 100 |
| 10 | 5.900 | 72 | 45 | 1.910 | 110.04 | 100 |
| 16 | 7.200 | 97 | 61 | 1.210 | 170.35 | 100 |
| 25 | 8.900 | 128 | 83 | 0.780 | 263.10 | 100 or 1000 |
| 35 | 9.900 | 156 | 103 | 0.554 | 354.22 | 100 or 1000 |
| 50 | 11.800 | 195 | 132 | 0.386 | 506.37 | 100 or 1000 |
| 70 | 13.300 | 243 | 165 | 0.272 | 692.79 | 100 or 1000 |
| 95 | 15.300 | 287 | 207 | 0.206 | 919.15 | 100 or 1000 |
| 120 | 17.400 | 342 | 235 | 0.161 | 1,177.60 | 100 or 1000 |
| 150 | 19.400 | 386 | - | 0.129 | 1,468.28 | 100 or 1000 |
| 185 | 21.500 | 441 | - | 0.106 | 1,795.45 | 100 or 1000 |
| 240 | 24.500 | 520 | - | 0.080 | 2,559.15 | 100 or 1000 |
| 300 | 27.300 | 605 | - | 0.064 | 2,937.86 | 100 or 1000 |
| 400 | 31.000 | 725 | - | 0.049 | 3,855.27 | 100 or 1000 |

HALOJENSİZ ALEVİ İLETMİYEN ÇOK DAMARLI BAKIR İLETKENLİ KABLolar

HALOGEN FREE, FLAME RETARDANT, MULTI-CORE CABLES WITH COPPER CONDUCTOR

NMHM 300/500 V VDE 0250



1. Bir yada çok telli bakır iletken
2. HFFR izole
3. HFFR dolgu
4. HFFR dış kılıf

1. Solid or stranded copper conductor
2. HFFR insulation
3. HFFR filler
4. HFFR outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 70°C
Kısa devre sıcaklığı : 160°C
Serim Sıcaklığı min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 70°C
Max.short circuit temp : 160°C
Installation temp.: -20°C

KULLANIM ALANLARI

Hastaneler alışveriş merkezleri ile çok sayıda insanın bulunduğu yangın tehlikesi olan tesislerde kullanılır. Bu kablolar, yangın sırasında alevi iletmezler, yoğun duman oluşturmazlar böylece can ve mal güvenliği sağlanır.

APPLICATIONS

Used in hospitals, shopping centers in places where human groups are located, subject to fire danger. These cables do not conduct flame during fire and there provide health and goods protection.

HALOJENSİZ KABLolar
Halogen Free Cables

Teknik Özellikler / Technical Features

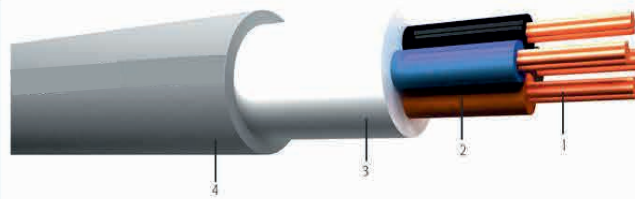
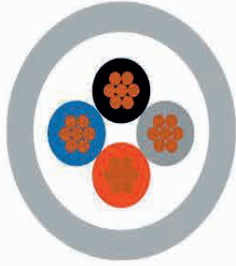
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|-----------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 2 x 1.5 | 8.00 | 18.5 | 26 | 12.100 | 94.36 | 100 |
| 2 x 2.5 | 8.80 | 25 | 34 | 7.410 | 123.21 | 100 |
| 2 x 4 | 10.00 | 34 | 44 | 4.610 | 169.94 | 100 |
| 2 x 6 | 11.40 | 43 | 56 | 3.080 | 231.04 | 100 |
| 2 x 10 | 14.40 | 60 | 75 | 1.830 | 376.15 | 100 |
| 2 x 16 | 16.40 | 80 | 98 | 1.150 | 529.34 | 100 |
| 3 x 1.5 | 8.40 | 18.5 | 26 | 12.100 | 113.31 | 100 |
| 3 x 2.5 | 9.30 | 25 | 34 | 7.410 | 152.04 | 100 |
| 3 x 4 | 10.60 | 34 | 44 | 4.610 | 213.62 | 100 |
| 3 x 6 | 12.50 | 43 | 56 | 3.080 | 305.29 | 100 |
| 3 x 10 | 15.30 | 60 | 75 | 1.830 | 480.73 | 100 |
| 3 x 16 | 17.40 | 80 | 98 | 1.150 | 685.50 | 100 |
| 4 x 1.5 | 9.00 | 18.5 | 26 | 12.100 | 136.37 | 100 |
| 4 x 2.5 | 10.00 | 25 | 34 | 7.410 | 185.57 | 100 |
| 4 x 4 | 11.40 | 34 | 44 | 4.610 | 262.79 | 100 |
| 4 x 6 | 13.40 | 43 | 56 | 3.080 | 375.21 | 100 |
| 4 x 10 | 16.60 | 60 | 75 | 1.830 | 600.71 | 100 |
| 4 x 16 | 19.00 | 80 | 98 | 1.150 | 867.14 | 100 |
| 5 x 1.5 | 9.70 | 18.5 | 26 | 12.100 | 162.21 | 100 |
| 5 x 2.5 | 10.80 | 25 | 34 | 7.410 | 222.37 | 100 |
| 5 x 4 | 12.40 | 34 | 44 | 4.610 | 318.45 | 100 |
| 5 x 6 | 14.60 | 43 | 56 | 3.080 | 455.90 | 100 |
| 5 x 10 | 18.10 | 60 | 75 | 1.830 | 731.67 | 100 |
| 5 x 16 | 20.80 | 80 | 98 | 1.150 | 1,062.64 | 100 |

HALOJENSİZ ALEVİ İLETMEYEN ÇOK DAMARLI BAKIR İLETKENLİ KABLolar

HALOGEN FREE, FLAME RETARDANT, MULTI-CORE CABLES WITH COPPER CONDUCTOR

NHXMH 300/500 V VDE 0250

HALOJENSİZ KABLolar
Halogen Free Cables



1. Bir yada çok telli bakır iletken
2. XLPE izole
3. HFFR dolgu
4. HFFR dış kılıf

1. Solid or stranded copper conductor
2. XLPE insulation
3. HFFR filler
4. HFFR outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Kısa devre sıcaklığı : 250°C
Serim Sıcaklığı min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Max.short circuit temp : 250°C
Installation temp.: -20°C

KULLANIM ALANLARI

Hastaneler alışveriş merkezleri ile çok sayıda insanın yangın tehlikesi olan tesislerde kullanılır. Bu kablolar, yangın sırasında alevi iletmezler, yoğun duman oluşturmazlar. Böylece can ve mal güvenliği sağlanır.

APPLICATIONS

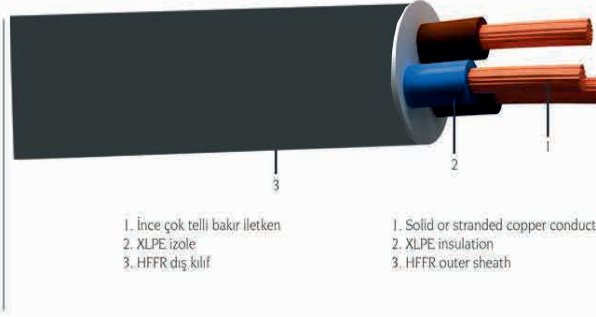
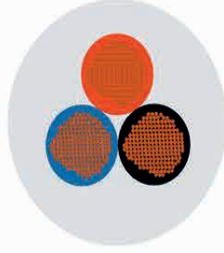
Used in hospitals, shopping in places where human group are located, subject to fire danger. These cables do not conduct flame during fire and there provide health and goods protection.

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|---------------------|-----------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 2 x 1.5 | 8.00 | 18.5 | 26 | 12.100 | 85.61 | 100 |
| 2 x 2.5 | 8.80 | 25 | 34 | 7.410 | 113.09 | 100 |
| 2 x 4 | 10.00 | 34 | 44 | 4.610 | 157.21 | 100 |
| 2 x 6 | 11.40 | 43 | 56 | 3.080 | 216.22 | 100 |
| 2 x 10 | 14.40 | 60 | 75 | 1.830 | 351.23 | 100 |
| 2 x 16 | 16.40 | 80 | 98 | 1.150 | 499.12 | 100 |
| 3 x 1.5 | 8.40 | 18.5 | 26 | 12.100 | 102.44 | 100 |
| 3 x 2.5 | 9.30 | 25 | 34 | 7.410 | 139.35 | 100 |
| 3 x 4 | 10.60 | 34 | 44 | 4.610 | 197.39 | 100 |
| 3 x 6 | 12.50 | 43 | 56 | 3.080 | 284.82 | 100 |
| 3 x 10 | 15.30 | 60 | 75 | 1.830 | 448.28 | 100 |
| 3 x 16 | 17.40 | 80 | 98 | 1.150 | 645.89 | 100 |
| 4 x 1.5 | 9.00 | 18.5 | 26 | 12.100 | 123.23 | 100 |
| 4 x 2.5 | 10.00 | 25 | 34 | 7.410 | 170.15 | 100 |
| 4 x 4 | 11.40 | 34 | 44 | 4.610 | 242.91 | 100 |
| 4 x 6 | 13.40 | 43 | 56 | 3.080 | 350.38 | 100 |
| 4 x 10 | 16.60 | 60 | 75 | 1.830 | 560.37 | 100 |
| 4 x 16 | 19.00 | 80 | 98 | 1.150 | 817.60 | 100 |
| 5 x 1.5 | 9.70 | 18.5 | 26 | 12.100 | 146.73 | 100 |
| 5 x 2.5 | 10.80 | 25 | 34 | 7.410 | 204.16 | 100 |
| 5 x 4 | 12.40 | 34 | 44 | 4.610 | 294.77 | 100 |
| 5 x 6 | 14.60 | 43 | 56 | 3.080 | 426.45 | 100 |
| 5 x 10 | 18.10 | 60 | 75 | 1.830 | 683.27 | 100 |
| 5 x 16 | 20.80 | 80 | 98 | 1.150 | 1,003.00 | 100 |

**HALOJENSİZ ALEVİ İLETMİYEN ÇOK DAMARLI BÜKÜLGEN
BAKIR İLETKENLİ KABLOLAR**
HALOGEN FREE, FLAME RETARDANT, MULTI-CORE CABLES WITH
FLEXIBLE COPPER CONDUCTOR

H052XZ1-F 300/500 V TS 9759



1. İnce çok telli bakır iletken
2. XLPE izole
3. HFFR dış kılıf

1. Solid or stranded copper conductor
2. XLPE insulation
3. HFFR outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Kısa devre sıcaklığı : 250°C
Serim Sıcaklığı min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Max.short circuit temp : 250°C
Installation temp.: -20°C

KULLANIM ALANLARI

Hastaneler alışveriş merkezleri ile çok sayıda insanın bulunduğu yangın tehlikesi olan tesislerde kullanılır. Bu kablolar, yangın sırasında alevi iletmezler, yoğun duman oluşturmazlar böylece can ve mal güvenliği sağlanır.

APPLICATIONS

Used in hospitals, shopping centers in places where human groups are located, subject to fire danger These cables do not conduct flame during fire and there provide health and goods protection.

HALOJENSİZ KABLOLAR
Halogen Free Cables

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|-----------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akım (A) | Ohm / Km | Kg | Mt |
| 2 X 0,75 | 6,4 | 6 | 26,00 | 61,81 | 100 |
| 2 X 1 | 7 | 10 | 19,50 | 75,55 | 100 |
| 2 X 1,5 | 8,2 | 15 | 13,30 | 105,68 | 100 |
| 2 X 2,5 | 9,2 | 20 | 7,98 | 140,56 | 100 |
| 2 X 4 | 10,6 | 26 | 4,95 | 195,99 | 100 |
| 3 X 0,75 | 6,8 | 6 | 26,00 | 85,78 | 100 |
| 3 X 1 | 7,5 | 10 | 19,50 | 106,77 | 100 |
| 3 X 1,5 | 9 | 16 | 13,30 | 155,74 | 100 |
| 3 X 2,5 | 10 | 20 | 7,98 | 201,83 | 100 |
| 3 X 4 | 11,5 | 26 | 4,95 | 280,64 | 100 |
| 4 X 0,75 | 7,4 | 6 | 26,00 | 120,88 | 100 |
| 4 X 1 | 8,4 | 10 | 19,50 | 155,47 | 100 |
| 4 X 1,5 | 10 | 15 | 13,30 | 225,74 | 100 |
| 4 X 2,5 | 10,9 | 20 | 7,98 | 282,34 | 100 |
| 4 X 4 | 13 | 26 | 4,95 | 404,76 | 100 |
| 5 X 0,75 | 8,3 | 6 | 26,00 | 169,91 | 100 |
| 5 X 1 | 9,1 | 10 | 19,50 | 210,92 | 100 |
| 5 X 1,5 | 11,2 | 15 | 13,30 | 317,06 | 100 |
| 5 X 2,5 | 12,2 | 20 | 7,98 | 391,25 | 100 |
| 5 X 4 | 14,2 | 26 | 4,95 | 543,64 | 100 |

HALOJENSİZ ALEVİ İLETMEYEN ÇOK DAMARLI BAKIR İLETKENLİ KABLolar

HALOGEN FREE, FLAME RETARDANT, MULTI-CORE CABLES WITH COPPER CONDUCTOR

N2XH 0.6/1 kV VDE 0276

HALOJENSİZ KABLolar
Halogen Free Cables



1. Bir veya çok telli bakır iletken
2. XLPE izole
3. HFFR dolgu
4. HFFR dış kilif

1. Solid or stranded copper conductor
2. XLPE insulation
3. HFFR filler
4. HFFR outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Dış kilif rengi : Siyah
Kısa devre sıcaklığı : 250°C
Serim Sıcaklığı min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Color of outer sheath : Black
Max.short circuit temp : 250°C
Installation temp.: -20°C

KULLANIM ALANLARI

Bu kablolar okullar, hastaneler, toplantı ve alışveriş merkezleri gibi yerlerde dahili ve harici mekânlarda kullanılır.

APPLICATIONS

These cables are used in internal and external places school, hospital, meeting rooms and shopping centers.

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|-------------------------|--------------------|------------------------|-----------------------------------|-------------|-----------------|
| | | Current Carrying Capacity | | | | | | |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Akı (A) * | Toprakta Ground (A) *** | Havada Akı (A) *** | Toprakta Ground (A) ** | Ohm / Km | Kg | Mt |
| 1 x 1.5 re | 5.60 | 25 | 33 | 26 | 33 | 12.100 | 45.36 | 1000 |
| 1 x 2.5 re | 6.00 | 34 | 43 | 35 | 43 | 7.410 | 57.25 | 1000 |
| 1 x 4 re | 6.40 | 45 | 56 | 46 | 55 | 4.610 | 73.44 | 1000 |
| 1 x 6 re | 6.90 | 57 | 69 | 58 | 68 | 3.080 | 94.83 | 1000 |
| 1 x 1.5 rm | 5.80 | 25 | 33 | 26 | 33 | 12.100 | 47.59 | 1000 |
| 1 x 2.5 rm | 6.20 | 34 | 43 | 35 | 43 | 7.410 | 59.61 | 1000 |
| 1 x 4 rm | 6.80 | 45 | 56 | 46 | 55 | 4.610 | 78.47 | 1000 |
| 1 x 6 rm | 7.40 | 57 | 69 | 58 | 68 | 3.080 | 101.55 | 1000 |
| 1 x 10 rm | 8.00 | 78 | 92 | 80 | 91 | 1.830 | 140.91 | 1000 |
| 1 x 16 rm | 9.00 | 104 | 118 | 107 | 117 | 1.150 | 201.64 | 1000 |
| 1 x 25 rm | 10.10 | 141 | 152 | 145 | 151 | 0.727 | 290.54 | 1000 |
| 1 x 35 rm | 11.60 | 173 | 182 | 178 | 180 | 0.524 | 394.13 | 1000 |
| 1 x 50 rm | 12.80 | 213 | 216 | 220 | 214 | 0.387 | 519.06 | 1000 |
| 1 x 70 rm | 14.80 | 271 | 265 | 279 | 261 | 0.268 | 726.56 | 1000 |
| 1 x 95 rm | 16.80 | 335 | 316 | 346 | 312 | 0.193 | 979.90 | 1000 |
| 1 x 120 rm | 18.60 | 392 | 359 | 404 | 355 | 0.153 | 1,225.74 | 1000 |
| 1 x 150 rm | 20.60 | 451 | 403 | 466 | 397 | 0.124 | 1,512.00 | 1000 |
| 1 x 185 rm | 22.80 | 526 | 455 | 543 | 449 | 0.099 | 1,871.05 | 1000 |
| 1 x 240 rm | 25.50 | 630 | 527 | 650 | 519 | 0.075 | 2,420.02 | 1000 |
| 1 x 300 rm | 28.20 | 728 | 593 | 751 | 584 | 0.060 | 3,012.23 | 500 |
| 1 x 400 rm | 31.60 | 848 | 671 | 875 | 660 | 0.047 | 3,862.25 | 500 |

HALOJENSİZ ALEVİ İLETMEYEN ÇOK DAMARLI BAKIR İLETKENLİ KABLORLAR

HALOGEN FREE, FLAME RETARDANT, MULTI-CORE CABLES WITH COPPER CONDUCTOR

N2XH 0,6/1 kV VDE 0276

HALOJENSİZ KABLORLAR

HALOGEN FREE CABLES

| Teknik Özellikler / Technical Features | | | | | | | | |
|--|---------------------------|---------------------------|---------------------|----------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Havada Air (A) | Toprakta Ground (A) | Ohm / Km | Kg | Mt |
| 1 x 500 rm | 35.20 | 985 | 757 | 1018 | 744 | 0.037 | 4,888.64 | 500 |
| 1 x 630 rm | 39.40 | 1141 | 849 | 1179 | 834 | 0.028 | 6,243.18 | 500 |
| 2 x 1.5 re | 11.20 | 29 | 34 | - | - | 12.100 | 164.60 | 1000 |
| 2 x 2.5 re | 12.00 | 38 | 44 | - | - | 7.410 | 199.32 | 1000 |
| 2 x 4 re | 12.80 | 50 | 58 | - | - | 4.610 | 243.40 | 1000 |
| 2 x 6 re | 13.80 | 64 | 73 | - | - | 3.080 | 301.85 | 1000 |
| 2 x 1.5 rm | 11.60 | 29 | 34 | - | - | 12.100 | 174.43 | 1000 |
| 2 x 2.5 rm | 12.40 | 38 | 44 | - | - | 7.410 | 209.79 | 1000 |
| 2 x 4 rm | 13.60 | 50 | 58 | - | - | 4.610 | 265.89 | 1000 |
| 2 x 6 rm | 14.80 | 64 | 73 | - | - | 3.080 | 332.12 | 1000 |
| 2 x 10 rm | 16.00 | 88 | 98 | - | - | 1.830 | 432.61 | 1000 |
| 2 x 16 rm | 18.00 | 116 | 128 | - | - | 1.150 | 594.14 | 1000 |
| 2 x 25 rm | 20.20 | 154 | 165 | - | - | 0.727 | 821.43 | 1000 |
| 2 x 35 rm | 23.20 | 190 | 199 | - | - | 0.524 | 1,105.30 | 1000 |
| 2 x 50 rm | 25.60 | 230 | 236 | - | - | 0.387 | 1,424.16 | 1000 |
| 2 x 70 rm | 29.40 | 292 | 292 | - | - | 0.268 | 1,955.33 | 1000 |
| 2 x 95 rm | 34.20 | 356 | 348 | - | - | 0.193 | 2,672.73 | 1000 |
| 2 x 120 rm | 37.60 | 414 | 397 | - | - | 0.153 | 3,301.89 | 500 |
| 2 x 150 rm | 41.40 | 474 | 445 | - | - | 0.124 | 4,043.33 | 500 |
| 2 x 185 rm | 46.60 | 544 | 502 | - | - | 0.099 | 5,075.57 | 500 |
| 2 x 240 rm | 52.00 | 644 | 582 | - | - | 0.075 | 6,493.51 | 500 |
| 2 x 300 rm | 57.80 | 737 | 654 | - | - | 0.060 | 8,086.55 | 500 |
| 2 x 400 rm | 64.60 | 834 | 741 | - | - | 0.047 | 10,288.08 | 500 |
| 3 x 1.5 re | 11.70 | 21 | 28 | - | - | 12.100 | 186.50 | 1000 |
| 3 x 2.5 re | 12.60 | 32 | 37 | - | - | 7.410 | 231.55 | 1000 |
| 3 x 4 re | 13.40 | 43 | 49 | - | - | 4.610 | 287.11 | 1000 |
| 3 x 6 re | 14.50 | 54 | 61 | - | - | 3.080 | 363.93 | 1000 |
| 3 x 1.5 rm | 12.10 | 21 | 28 | - | - | 12.100 | 196.35 | 1000 |
| 3 x 2.5 rm | 13.00 | 32 | 37 | - | - | 7.410 | 242.06 | 1000 |
| 3 x 4 rm | 14.30 | 43 | 49 | - | - | 4.610 | 312.90 | 1000 |
| 3 x 6 rm | 15.60 | 54 | 61 | - | - | 3.080 | 397.81 | 1000 |
| 3 x 10 rm | 16.90 | 74 | 83 | - | - | 1.830 | 533.00 | 1000 |
| 3 x 16 rm | 19.00 | 99 | 107 | - | - | 1.150 | 743.94 | 1000 |
| 3 x 25 rm | 21.40 | 131 | 139 | - | - | 0.727 | 1,050.60 | 1000 |
| 3 x 35 rm | 24.70 | 162 | 167 | - | - | 0.524 | 1,425.55 | 1000 |
| 3 x 50 rm | 27.40 | 200 | 203 | - | - | 0.387 | 1,862.60 | 1000 |
| 3 x 70 rm | 31.90 | 252 | 248 | - | - | 0.268 | 2,604.39 | 1000 |
| 3 x 95 rm | 36.70 | 309 | 298 | - | - | 0.193 | 3,528.94 | 1000 |
| 3 x 120 rm | 40.30 | 359 | 339 | - | - | 0.153 | 4,367.84 | 500 |
| 3 x 150 rm | 44.80 | 411 | 379 | - | - | 0.124 | 5,400.67 | 500 |
| 3 x 185 rm | 50.00 | 475 | 430 | - | - | 0.099 | 6,721.14 | 500 |
| 3 x 240 rm | 56.20 | 562 | 497 | - | - | 0.075 | 8,682.85 | 500 |
| 3 x 300 rm | 62.00 | 645 | 560 | - | - | 0.060 | 10,754.68 | 500 |
| 3 x 400 rm | 69.50 | 745 | 670 | - | - | 0.047 | 13,748.05 | 500 |
| 3 x 10 + 6 rm | 17.90 | 81 | 89 | - | - | 1.830 | 593.97 | 1000 |

HALOJENSİZ KABLORLAR
Halogen Free Cables

HALOJENSİZ ALEVİ İLETMEYEN ÇOK DAMARLI BAKIR İLETKENLİ KABLolar

HALOGEN FREE, FLAME RETARDANT, MULTI-CORE CABLES WITH COPPER CONDUCTOR

N2XH 0,6/1 kV VDE 0276

HALOJENSİZ KABLolar
Halogen Free Cables

HALOJENSİZ KABLolar HALOGEN FREE CABLES

| Teknik Özellikler / Technical Features | | | | | | |
|--|---------------------------|---------------------------|---------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Havada Air (A) | Toprakta Ground (A) | Ωhm / Km | Kg | Mt |
| 3 x 16 + 10 rm | 20.00 | 108 | 116 | 1.150 | 855.39 | 1000 |
| 3 x 25 + 16 rm | 22.70 | 146 | 151 | 0.727 | 1.224.36 | 1000 |
| 3 x 35 + 16 rm | 25.40 | 180 | 181 | 0.524 | 1.573.08 | 1000 |
| 3 x 50 + 25 rm | 28.40 | 212 | 208 | 0.387 | 2.098.70 | 1000 |
| 3 x 70 + 35 rm | 33.40 | 265 | 254 | 0.268 | 2.955.38 | 1000 |
| 3 x 95 + 50 rm | 37.90 | 327 | 305 | 0.193 | 3.960.45 | 1000 |
| 3 x 120 + 70 rm | 42.70 | 379 | 347 | 0.153 | 5.071.04 | 500 |
| 3 x 150 + 70 rm | 46.20 | 442 | 392 | 0.124 | 6.019.27 | 500 |
| 3 x 185 + 95 rm | 51.80 | 504 | 441 | 0.099 | 7.584.41 | 500 |
| 3 x 240 + 120 rm | 58.10 | 597 | 511 | 0.075 | 9.756.86 | 500 |
| 3 x 300 + 150 rm | 64.10 | 685 | 576 | 0.060 | 12.078.71 | 500 |
| 3 x 400 + 185 rm | 72.10 | 790 | 670 | 0.047 | 15.440.41 | 500 |
| 4 x 1.5 re | 12.40 | 27 | 31 | 12.100 | 214.78 | 1000 |
| 4 x 2.5 re | 13.40 | 35 | 41 | 7.410 | 270.89 | 1000 |
| 4 x 4 re | 14.40 | 47 | 53 | 4.610 | 345.05 | 1000 |
| 4 x 6 re | 15.60 | 59 | 67 | 3.080 | 441.68 | 1000 |
| 4 x 1.5 rm | 12.90 | 27 | 31 | 12.100 | 227.87 | 1000 |
| 4 x 2.5 rm | 13.90 | 35 | 41 | 7.410 | 284.90 | 1000 |
| 4 x 4 rm | 15.30 | 47 | 53 | 4.610 | 371.76 | 1000 |
| 4 x 6 rm | 16.80 | 59 | 67 | 3.080 | 480.65 | 1000 |
| 4 x 10 rm | 18.20 | 81 | 89 | 1.830 | 652.26 | 1000 |
| 4 x 16 rm | 20.70 | 108 | 116 | 1.150 | 929.67 | 1000 |
| 4 x 25 rm | 23.30 | 146 | 151 | 0.727 | 1.321.02 | 1000 |
| 4 x 35 rm | 27.10 | 180 | 181 | 0.524 | 1.807.61 | 1000 |
| 4 x 50 rm | 30.20 | 212 | 208 | 0.387 | 2.378.65 | 1000 |
| 4 x 70 rm | 35.20 | 265 | 254 | 0.268 | 3.333.77 | 1000 |
| 4 x 95 rm | 40.40 | 327 | 305 | 0.193 | 4.512.41 | 1000 |
| 4 x 120 rm | 45.10 | 379 | 347 | 0.153 | 5.668.94 | 500 |
| 4 x 150 rm | 49.70 | 442 | 392 | 0.124 | 6.958.24 | 500 |
| 4 x 185 rm | 55.80 | 504 | 441 | 0.099 | 8.702.70 | 500 |
| 4 x 240 rm | 62.20 | 597 | 511 | 0.075 | 11.173.73 | 500 |
| 4 x 300 rm | 68.70 | 685 | 576 | 0.060 | 13.861.69 | 500 |
| 4 x 400 rm | 77.40 | 790 | 670 | 0.047 | 17.801.09 | 500 |
| 4 x 10 + 6 rm | 19.40 | 81 | 89 | 1.830 | 725.39 | 1000 |
| 4 x 16 + 10 rm | 21.80 | 108 | 116 | 1.150 | 1.050.25 | 1000 |
| 4 x 25 + 16 rm | 24.80 | 146 | 151 | 0.727 | 1.512.23 | 1000 |
| 4 x 35 + 16 rm | 28.20 | 180 | 181 | 0.524 | 1.985.49 | 1000 |
| 4 x 50 + 25 rm | 32.00 | 212 | 208 | 0.387 | 2.680.90 | 1000 |
| 4 x 70 + 35 rm | 37.10 | 265 | 254 | 0.268 | 3.731.20 | 1000 |
| 4 x 95 + 50 rm | 42.90 | 327 | 305 | 0.193 | 5.083.79 | 1000 |
| 4 x 120 + 70 rm | 47.50 | 379 | 347 | 0.153 | 6.399.27 | 500 |
| 4 x 150 + 70 rm | 51.80 | 442 | 392 | 0.124 | 7.677.87 | 500 |
| 4 x 185 + 95 rm | 58.40 | 504 | 441 | 0.099 | 9.699.89 | 500 |
| 4 x 240 + 120 rm | 65.10 | 597 | 511 | 0.075 | 12.426.82 | 500 |
| 4 x 300 + 150 rm | 72.20 | 685 | 576 | 0.060 | 15.454.72 | 500 |
| 4 x 400 + 185 rm | 80.90 | 790 | 670 | 0.047 | 19.712.45 | 500 |
| 5 x 1.5 re | 13.20 | 27 | 32 | 12.100 | 247.32 | 1000 |
| 5 x 2.5 re | 14.30 | 36 | 42 | 7.410 | 315.10 | 1000 |
| 5 x 4 re | 15.40 | 48 | 54 | 4.610 | 405.35 | 1000 |
| 5 x 6 re | 16.70 | 61 | 68 | 3.080 | 522.28 | 1000 |
| 5 x 1.5 rm | 13.70 | 27 | 32 | 12.100 | 260.89 | 1000 |
| 5 x 2.5 rm | 14.80 | 36 | 42 | 7.410 | 329.65 | 1000 |
| 5 x 4 rm | 16.40 | 48 | 54 | 4.610 | 436.84 | 1000 |
| 5 x 6 rm | 18.10 | 61 | 68 | 3.080 | 571.14 | 1000 |
| 5 x 10 rm | 19.70 | 84 | 91 | 1.830 | 784.75 | 1000 |
| 5 x 16 rm | 22.40 | 112 | 118 | 1.150 | 1.122.20 | 1000 |
| 5 x 25 rm | 25.40 | 152 | 153 | 0.727 | 1.611.86 | 1000 |
| 5 x 35 rm | 29.80 | 187 | 184 | 0.524 | 2.224.20 | 1000 |
| 5 x 50 rm | 33.60 | 227 | 217 | 0.387 | 2.960.24 | 1000 |
| 5 x 70 rm | 38.90 | 347 | 252 | 0.268 | 4.125.28 | 1000 |
| 5 x 95 rm | 45.10 | 305 | 303 | 0.193 | 5.633.22 | 1000 |
| 5 x 120 rm | 49.60 | 355 | 346 | 0.153 | 6.989.16 | 500 |
| 5 x 150 rm | 55.30 | 407 | 390 | 0.124 | 8.663.03 | 500 |
| 5 x 185 rm | 61.60 | 469 | 441 | 0.099 | 10.763.52 | 500 |
| 5 x 240 rm | 68.80 | 551 | 511 | 0.075 | 13.846.28 | 500 |
| 5 x 300 rm | 76.50 | 638 | 580 | 0.060 | 17.271.31 | 500 |
| 5 x 400 rm | 85.80 | 746 | 663 | 0.047 | 22.101.97 | 500 |

HALOJENSİZ ALEVİ İLETMİYEN XLPE İZOLELİ, ÇOK DAMARLI BAKIR İLETKENLİ KABLOLAR
HALOGEN FREE, FLAME RETARDANT, XLPE INSULATED, MULTI CORE CABLES WITH COPPER CONDUCTOR

N2XH FE180

0.6/1 kV

VDE0276



1. Bir veya çok telli bakır iletken
2. Mika bant
3. XLPE izole
4. HFFR dolgu
5. HFFR dış kılıf

1. Solid or stranded copper conductor
2. Mika tape
3. XLPE insulation
4. HFFR filler
5. HFFR outer sheath

TEKNİK ÖZELLİKLER

İzin verilen işletme sıcaklığı : 90°C
Dış kılıf rengi : Siyah
Kısa devre sıcaklığı : 250°C
Serim Sıcaklığı min. : -20°C

TECHNICAL DATA

Permissible operating temperature : 90°C
Color of outer sheath : Black
Max.short circuit temp : 250°C
Installation temp. : -20°C

KULLANIM ALANLARI

Bu kablolar okullar, hastaneler, toplantı ve alışveriş merkezlerigibi yerlerde dahili ve harici mekanlarda kullanılır.

APPLICATIONS

These cables are used in internal and external places school, hospital, meeting rooms and shopping centers.

HALOJENSİZ KABLOLAR
Halogen Free Cables

Teknik Özellikler / Technical Features

| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
|---------------------|---------------------------|---------------------------|-----------------------------------|-------------|-----------------|
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Aır (A) | Ohm / Km | Kg | Mt |
| 1 X 1,5 re | 5,90 | - | 12,100 | 49,28 | 1000 |
| 1 X 2,5 re | 6,50 | - | 7,410 | 63,96 | 1000 |
| 1 x 4 re | 6,90 | 56 | 4,610 | 80,55 | 1000 |
| 1 x 6 re | 7,40 | 73 | 3,080 | 102,47 | 1000 |
| 1 x 10 mm | 8,90 | 101 | 1,830 | 157,90 | 1000 |
| 1 x 16 mm | 9,9 | 137 | 1,150 | 221,26 | 1000 |
| 1 x 25 mm | 11 | 182 | 0,727 | 312,43 | 1000 |
| 1 x 35 mm | 12,1 | 226 | 0,524 | 411,19 | 1000 |
| 1 x 50 mm | 13,3 | 275 | 0,387 | 536,88 | 1000 |
| 1 x 70 mm | 15,3 | 353 | 0,268 | 749,44 | 1000 |
| 1 x 95 mm | 17,1 | 430 | 0,193 | 1,004,70 | 1000 |
| 1 x 120 mm | 18,9 | 500 | 0,153 | 1,254,17 | 1000 |
| 1 x 150 mm | 20,9 | 577 | 0,124 | 1,542,14 | 1000 |
| 1 x 185 mm | 23,1 | 661 | 0,099 | 1,911,60 | 1000 |
| 1 x 240 mm | 25,8 | 781 | 0,075 | 2,470,86 | 1000 |
| 2 X 1,5 re | 11,8 | 26 | 12,100 | 180,58 | 1000 |
| 2 X 2,5 re | 13 | 36 | 7,410 | 227,47 | 1000 |
| 2 x 4 re | 13,8 | 49 | 4,610 | 273,28 | 1000 |
| 2 x 6 re | 14,8 | 63 | 3,080 | 333,96 | 1000 |
| 2 x 10 mm | 17,8 | 86 | 1,830 | 502,43 | 1000 |
| 2 x 16 mm | 19,8 | 115 | 1,150 | 673,45 | 1000 |
| 2 x 25 mm | 22 | 149 | 0,727 | 909,96 | 1000 |
| 2 x 35 mm | 24,2 | 185 | 0,524 | 1,167,35 | 1000 |
| 2 x 50 mm | 26,8 | 225 | 0,387 | 1,503,13 | 1000 |
| 2 x 70 mm | 30,6 | 289 | 0,268 | 2,050,44 | 1000 |
| 2 x 95 mm | 34,8 | 352 | 0,193 | 2,747,15 | 1000 |
| 2 x 120 mm | 38,2 | 420 | 0,153 | 3,385,81 | 1000 |

HALOJENSİZ ALEVLİ İLETMEYEN XLPE İZOLELİ, ÇOK
DAMARLI BAKIR İLETKENLİ KABLOLAR
HALOGEN FREE, FLAME RETARDANT, XLPE INSULATED, MULTI CORE
CABLES WITH COPPER CONDUCTOR

N2XH FE180 0.6/1 kV VDE0276

HALOJENSİZ KABLOLAR
Halogen Free Cables

HALOJENSİZ KABLOLAR
HALOGEN FREE CABLES

| Teknik Özellikler / Technical Features | | | | | |
|--|---------------------------|---------------------------|-----------------------------------|-------------|-----------------|
| Normal Kesit | Kablo Dış Çapı | Akım Taşıma Kapasitesi | İletken DC Direnci (20 °C) | Net Ağırlık | Sevk Uzunluğu |
| Rated Cross Section | Overall Diameter Of Cable | Current Carrying Capacity | Conductor DC Resistance at (20°C) | Net Weight | Delivery Length |
| mm ² | mm | Air (A) | Ohm / Km | Kg | Mt |
| 2 x 150 rm | 42.6 | 473 | 0.124 | 4,193.04 | 1000 |
| 2 x 185 rm | 47.2 | 542 | 0.099 | 5,190.52 | 1000 |
| 2 x 240 rm | 52.6 | 641 | 0.075 | 6,632.86 | 1000 |
| 3 X 1.5 re | 12.3 | 23 | 12.100 | 203.05 | 1000 |
| 3 X 2.5 re | 13.6 | 33 | 7.410 | 260.46 | 1000 |
| 3 x 4 re | 14.5 | 42 | 4.610 | 321.08 | 1000 |
| 3 x 6 re | 15.6 | 54 | 3.080 | 400.56 | 1000 |
| 3 x 10 rm | 18.8 | 75 | 1.830 | 610.13 | 1000 |
| 3 x 16 rm | 21 | 100 | 1.150 | 836.92 | 1000 |
| 3 x 25 rm | 23.4 | 127 | 0.727 | 1,154.72 | 1000 |
| 3 x 35 rm | 25.7 | 158 | 0.524 | 1,494.24 | 1000 |
| 3 x 50 rm | 28.5 | 192 | 0.387 | 1,942.36 | 1000 |
| 3 x 70 rm | 33.2 | 246 | 0.268 | 2,719.51 | 1000 |
| 3 x 95 rm | 37.3 | 298 | 0.193 | 3,619.71 | 1000 |
| 3 x 120 rm | 41 | 246 | 0.153 | 4,480.41 | 1000 |
| 3 x 150 rm | 45.6 | 399 | 0.124 | 5,532.30 | 1000 |
| 3 x 185 rm | 50.6 | 456 | 0.099 | 6,865.22 | 1000 |
| 3 x 240 rm | 56.8 | 538 | 0.075 | 8,860.85 | 1000 |
| 3 x 10+6 rm | 19.8 | 75 | 1.830 | 675.45 | 1000 |
| 3 x 16+10 rm | 22.2 | 100 | 1.150 | 961.19 | 1000 |
| 3 x 25+16 rm | 24.8 | 127 | 0.727 | 1,338.08 | 1000 |
| 3 x 35+16 rm | 27 | 158 | 0.524 | 1,678.81 | 1000 |
| 3 x 50+25 rm | 30.1 | 192 | 0.387 | 2,220.44 | 1000 |
| 3 x 70+35 rm | 34.6 | 246 | 0.268 | 3,067.03 | 1000 |
| 3 x 95+50 rm | 39 | 298 | 0.193 | 4,098.08 | 1000 |
| 3 x 120+70 rm | 43.6 | 246 | 0.153 | 5,208.73 | 1000 |
| 3 x 150+70 rm | 47.1 | 399 | 0.124 | 6,165.30 | 1000 |
| 3 x 185+95 rm | 52.5 | 456 | 0.099 | 7,748.92 | 1000 |
| 3 x 240+120 rm | 58.8 | 538 | 0.075 | 9,958.04 | 1000 |
| 4 X 1.5 re | 13.2 | 23 | 12.100 | 238.36 | 1000 |
| 4 X 2.5 re | 14.6 | 33 | 7.410 | 307.86 | 1000 |
| 4 x 4 re | 15.6 | 42 | 4.610 | 384.55 | 1000 |
| 4 x 6 re | 16.8 | 54 | 3.080 | 484.32 | 1000 |
| 4 x 10 rm | 20.4 | 75 | 1.830 | 748.60 | 1000 |
| 4 x 16 rm | 22.8 | 100 | 1.150 | 1,035.59 | 1000 |
| 4 x 25 rm | 25.5 | 127 | 0.727 | 1,445.58 | 1000 |
| 4 x 35 rm | 28.4 | 158 | 0.524 | 1,905.03 | 1000 |
| 4 x 50 rm | 31.9 | 192 | 0.387 | 2,512.78 | 1000 |
| 4 x 70 rm | 36.6 | 246 | 0.268 | 3,472.76 | 1000 |
| 4 x 95 rm | 41.2 | 298 | 0.193 | 4,640.60 | 1000 |
| 4 x 120 rm | 45.8 | 246 | 0.153 | 5,804.59 | 1000 |
| 4 x 150 rm | 50.4 | 399 | 0.124 | 7,102.70 | 500 |
| 4 x 185 rm | 56.5 | 456 | 0.099 | 8,892.60 | 500 |
| 4 x 240 rm | 63 | 538 | 0.075 | 11,422.56 | 500 |
| 5 X 1.5 re | 14 | 23 | 12.100 | 272.27 | 1000 |
| 5 X 2.5 re | 15.6 | 33 | 7.410 | 357.63 | 1000 |
| 5 x 4 re | 16.7 | 42 | 4.610 | 450.87 | 1000 |
| 5 x 6 re | 18.1 | 54 | 3.080 | 575.73 | 1000 |
| 5 x 10 rm | 22.1 | 75 | 1.830 | 898.30 | 1000 |
| 5 x 16 rm | 24.8 | 100 | 1.150 | 1,253.54 | 1000 |
| 5 x 25 rm | 28 | 127 | 0.727 | 1,773.03 | 1000 |
| 5 x 35 rm | 31.6 | 158 | 0.524 | 2,369.93 | 1000 |
| 5 x 50 rm | 35 | 192 | 0.387 | 3,085.59 | 1000 |
| 5 x 70 rm | 40.3 | 246 | 0.268 | 4,281.62 | 1000 |
| 5 x 95 rm | 45.9 | 298 | 0.193 | 5,783.09 | 1000 |
| 5 x 120 rm | 50.4 | 246 | 0.153 | 7,159.27 | 1000 |
| 5 x 150 rm | 56.1 | 399 | 0.124 | 8,845.40 | 500 |
| 5 x 185 rm | 62.4 | 456 | 0.099 | 11,002.00 | 500 |
| 5 x 240 rm | 70.2 | 538 | 0.075 | 14,239.08 | 500 |



KABLO DAMAR RENKLERİ / COLOR OF CABLES CORES

TEK DAMARLI KABLO RENKLERİ / COLOR OF SINGLE CORE

H 05 V-U H 05 V-K H 07 V-U H 07 V-R H 07 V-K
H 05 Z-U H 05 Z1-U H 05 Z-K H 05 Z1-K H 07 Z-U H 07 Z1-U
H 07 Z1-K H 07 Z-R H 07 Z1-R

Mavi - Kahve - Siyah - Gri - Sarı/Yeşil
Blue - Brown - Black - Grey -Yellow/Green

İKİ DAMARLI KABLO RENKLERİ / COLOR OF TWO CORES

NVV-NYM H 03 VV-F H 05 VV-F NHXMH NHMH H 03 Z1Z1-F
H 05 Z1Z1-F YVV YVCV(NYCY) YVZ2V(NYRY) YXV(N2XY)
N2XRY N2XH N2XRH

Mavi - Kahve
Blue - Brown

ÜÇ DAMARLI KABLO RENKLERİ / COLOR OF THREE CORES

NVV-NYM H 03 VV-F H 05 VV-F NHXMH NHMH H 03 Z1Z1-F
H 05 Z1Z1-F

Yeşil/Sarı - Mavi - Kahverengi
Green/Yellow - Blue - Brown

YVV YVCV(NYCY) YVZ2V(NYRY) YXV(N2XY)
N2XRY N2XH N2XRH

Kahve - Siyah - Gri
Brown - Black - Grey

DÖRT DAMARLI KABLO RENKLERİ / COLOR OF FOUR CORES

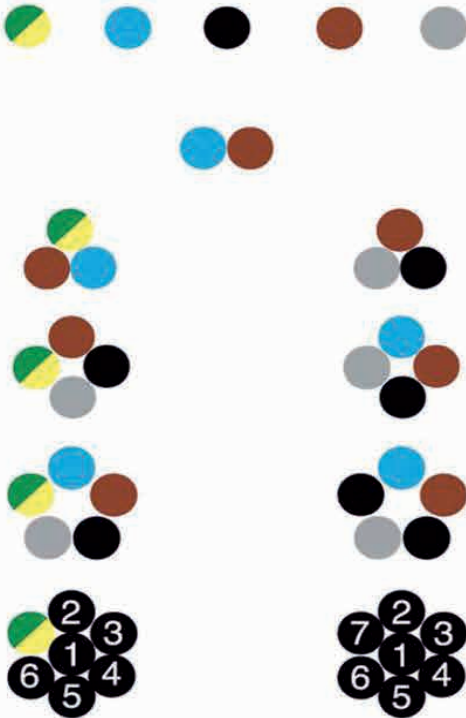
NVV-NYM H 03 VV-F H 05 VV-F NHXMH NHMH H 03 Z1Z1-F
H 05 Z1Z1-F YVV YVCV(NYCY) YVZ2V(NYRY) YXV(N2XY)

Mavi - Kahve - Siyah - Gri
Blue - Brown - Black - Grey

BEŞ DAMARLI KABLO RENKLERİ / COLOR OF FIVE CORES

NVV-NYM H 03 VV-F H 05 VV-F NHXMH NHMH H 03 Z1Z1-F
H 05 Z1Z1-F YVV YVCV(NYCY) YVZ2V(NYRY) YXV(N2XY)
N2XRY N2XH N2XRH

Yeşil/Sarı - Mavi - Kahve - Siyah - Gri
Green/Yellow - Blue - Brown - Black - Grey

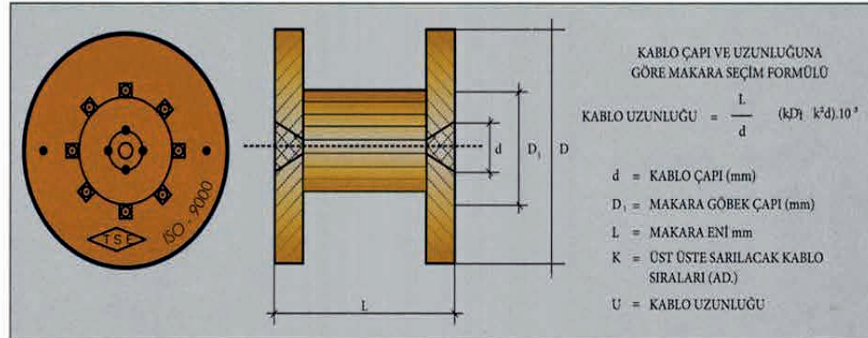


| İletken ve Kabloların TS Sembolleri | | | | | | | | |
|---|-------------|--------------|-------------------------|-------------------------|--------------|---------|---------------------------|--------------------------------------|
| Symbols of Insulated Wires and Power Cables According to TS | | | | | | | | |
| Rumuzlar/ Abbreviations | | | Standartlar / Standarts | | | | | Anma Gerilimi Rated Voltages V |
| TS | VDE | РОССИЯ МАРКА | TS | Harmonize Harmonized | VDE | IEC | СТАНДАРТ | |
| H05V-U | H05V-U | ПВ1 | 9758 | HD 21.3 S3 | 0281-3 | - | ГОСТ 6323-79 | 300/500 V |
| H07V-U | H07V-U | ПВ1 | 9758 | HD 21.3 S3 | 0281-3 | - | ГОСТ 6323-79 | 450/750 V |
| H07V-R | H07V-R | ПВ2, ПВ3 | 9758 | HD 21.3 S3 | 0281-3 | - | ГОСТ 6323-79 | 450/750 V |
| H05V-K | H05V-K | ПВ4 | 9758 | HD 21.3 S3 | 0281-3 | - | ГОСТ 6323-79 | 300/500 V |
| H07V-K | H07V-K | ПВ4 | 9758 | HD 21.3 S3 | 0281-3 | - | ГОСТ 6323-79 | 450/750 V |
| NVV | NYM | NYM | 9759 | HD 21.4 S2 | 0250-204 | - | TY 3521-009-05755714-2002 | 300/500 V |
| H03VV-F | NYLHY-rd | ПВС | 9760 | HD 21.5 S3 | 0281-5 | - | ГОСТ 7399-97 | 300/300 V |
| H05VV-F | H05VV-F | ПВС | 9760 | HD 21.5 S3 | 0281-5 | - | ГОСТ 7399-97 | 300/300 V |
| YVV | NYN enerji | NYN | IEC 60502-1 | - | 0276-603 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YVV | NYN kumanda | NYN | IEC 60502-1 | - | 0276-627 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YVMV | NYCY | NYCY | IEC 60502-1 | - | 0276-603 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YVOV | NYRGY | NYRGY | IEC 60502-1 | - | 0271 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YVŞV | NYFGbY | NYFGbY | IEC 60502-1 | - | 0271 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YE ₃ V | N2XY | ПвГ | IEC 60502-1 | - | 0276-603 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YE ₃ MV | N2XCY | - | IEC 60502-1 | - | 0276-603 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YE ₃ OV | N2XRY | - | IEC 60502-1 | - | 0271 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YE ₃ ŞV | N2XFGY | - | IEC 60502-1 | - | 0271 | 60502-1 | TY 3530-035-05755714-2007 | 0,6/1 kV |
| YE ₃ SV | N2XSY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-277-2001 | 3,6/6 kV |
| YE ₃ SHŞV | N2XSEYFGbY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 3,6/6 kV |
| YE ₃ SV | N2XSY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 6/10 kV |
| YE ₃ SHŞV | N2XSEYFGbY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 6/10 kV |
| YE ₃ SV | N2XSY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 6,7/15 kV |
| YE ₃ SHŞV | N2XSEYFGbY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 6,7/15 kV |
| YE ₃ SV | N2XSY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 12/20 kV |
| YE ₃ SHŞV | N2XSEYFGbY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 12/20 kV |
| YE ₃ SV | N2XSY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 18/30 kV |
| YE ₃ SHŞV | N2XSEYFGbY | ПвБ | IEC 60502-2 | - | 0276-620 | 60502-2 | TY 16.K71-335-2004 | 18/30 kV |
| YE ₃ SV | N2XSY | ПвБ | TSEK 16/381 | - | - | 60502-2 | TY 16.K71-335-2004 | 20,3/35 kV |
| YE ₃ ŞSV | N2XSEYFGbY | ПвБ | TSEK 16/381 | - | - | - | TY 16.K71-335-2004 | 20,3/35 kV |
| 07Z1-U | - | - | 9758 | HD 21.3 S3 | - | - | - | 450/750 V |
| 07Z1-R | - | - | 9758 | HD 21.3 S3 | - | - | - | 450/750 V |
| 07Z1-K | - | - | 9758 | HD 21.3 S3 | - | - | - | 450/750 V |
| - | NHXMH | - | 9759 | HD 21.4 S2 | 0250-214 | - | - | 300/500 V |
| 052XZ1-F | NHXMH | - | 9760 | HD 21.5 S3 | 0250-214 | - | - | 300/500 V |
| NMHM | - | - | - | - | 0250-215 | - | - | 300/500 V |
| N2XH | - | - | - | - | 0276-604/627 | - | - | 0,6/1 kV |
| N2XCH | N2XCH | - | - | - | 0276-604/627 | 60502-1 | - | 0,6/1 kV |
| - | N2XRH | - | - | - | - | 60502-1 | - | 0,6/1 kV |
| - | N2XFGbH | - | - | - | - | 60502-1 | - | 0,6/1 kV |
| N2XHFE 180 | - | - | - | - | 0276-604/627 | - | - | 0,6/1 kV |

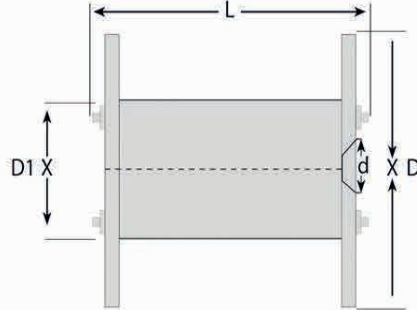
SEMBOLLER / SYMBOLS

| TS 621 | VDE 0276 | AÇIKLAMA | EXPLANATION |
|--------|----------|---|---|
| A | A | Alüminyum iletken | Aluminium conductor |
| V | Y | PVC termoplastik yalıtkan veya kılıf | PVC thermoplastic insulation or sheath |
| S | S | Siper | Shield |
| SH | SH | Her damar üzerinde siper | Metallic screen(copper) over each core |
| M | C | Konsantrik iletken | Concentric copper conductor |
| E | 2Y | Polietilen | Polyethylene |
| E3 | 2X | Çapraz bağlı polietilen | Cross-linked polyethylene |
| Ş | F | Galvanizli yassı çelik tellerden yapılmış zırh | Galvanized flat steel wire armour |
| O | R | Galvanizli yuvarlak çelik tellerden yapılmış zırh | Galvanized round steel wire armour |
| | G | Çelik tutucu şerit | Steel tape helix |
| s | s | Daire kesmesi | Sector-shaped conductor |
| ş | v | Sıkıştırılmış iletken | Compacted conductor |
| ç | rm | Çok telli iletken | Stranded conductor |
| | W | Sıcaklığa ve korozyona dayanıklı | Resistant against heat and corrosion |
| | VDE 0250 | AÇIKLAMA | EXPLANATION |
| | Y | PVC termoplastik yalıtkan | Thermoplastic insulation material(PVC) |
| | S | Metal siper | Metallic screen |
| | G | Lastik yalıtkan | Rubber insulation |
| | 2G | Sıcaklığa dayanıklı | Resistant to heat |
| | W | Açık hava şartlarında dayanıklı | Resistant to open air conditions |
| | u | Alev geciktirici | Flame retardant |
| | AF | Burulmuş kablo | Twisted cable |
| | B | Metal kılıf (kurşun kılıf) | Metal Sheath(lead) |
| | T | Taşıyıcı ip, tel ve benzeri | Pilot core as textile, steel or similar |
| | ö | Yağa dayanıklı | Resistant to oil |
| | J | Yeşil/Sarı koruma iletkeni | Green/ yellow conductor for earth. |

BİLGİLER
informations



| KABLO ÇAPI CABLE DIMENSIONS mm | MAKARA TİPİNE GÖRE SARILABİLECEK UZUNLUKLAR (METRE) LENGTHS IN M. FOR DRUMS WITH IDENT NUMBER OR DURM TYPE | | | | | | | | | | | | | | |
|---|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|-----|-----|
| | 070 cm | 080 cm | 090 cm | 100 cm | 120 cm | 140 cm | 160 cm | 180 cm | 200 cm | 220 cm | 250 cm | 260 cm | | | |
| 6 | 2024 | 2755 | | | | | | | | | | | | | |
| 7 | 1481 | 2340 | | | | | | | | | | | | | |
| 8 | 1064 | 1463 | 2731 | | | | | | | | | | | | |
| 9 | 892 | 1152 | 2202 | 2866 | | | | | | | | | | | |
| 10 | 677 | 980 | 1768 | 2349 | | | | | | | | | | | |
| 11 | 564 | 761 | 1404 | 1912 | | | | | | | | | | | |
| 12 | 468 | 643 | 1206 | 1540 | | | | | | | | | | | |
| 13 | 385 | 542 | 1032 | 1339 | 2727 | | | | | | | | | | |
| 14 | 364 | 454 | 881 | 1159 | 2265 | 2967 | | | | | | | | | |
| 15 | 297 | 430 | 749 | 1000 | 1991 | 2479 | | | | | | | | | |
| 16 | 239 | 358 | 632 | 860 | 1756 | 2205 | | | | | | | | | |
| 17 | 228 | 294 | 603 | 736 | 1545 | 1959 | | | | | | | | | |
| 18 | 218 | 281 | 505 | 705 | 1355 | 1737 | | | | | | | | | |
| 19 | 172 | 228 | 485 | 599 | 1184 | 1535 | 2722 | | | | | | | | |
| 20 | 165 | 219 | 402 | 576 | 1139 | 1352 | 2435 | 2831 | | | | | | | |
| 21 | 159 | 211 | 387 | 485 | 991 | 1304 | 2172 | 2527 | | | | | | | |
| 22 | 122 | 167 | 315 | 468 | 856 | 1145 | 1931 | 2248 | | | | | | | |
| 23 | 117 | 161 | 304 | 389 | 827 | 999 | 1869 | 2172 | 2953 | | | | | | |
| 24 | 113 | 156 | 294 | 377 | 709 | 967 | 1657 | 1927 | 2608 | | | | | | |
| 25 | 110 | 151 | 285 | 365 | 688 | 839 | 1608 | 1867 | 2522 | | | | | | |
| 26 | 80 | 116 | 226 | 299 | 668 | 814 | 1419 | 1650 | 2218 | | | | | | |
| 27 | 78 | 113 | 221 | 290 | 567 | 700 | 1244 | 1450 | 2150 | 2861 | | | | | |
| 28 | 76 | 109 | 215 | 282 | 551 | 681 | 1211 | 1409 | 1879 | 2777 | | | | | |
| 29 | 73 | 106 | 209 | 226 | 462 | 663 | 1180 | 1371 | 1826 | 2450 | | | 2976 | | |
| 30 | 71 | 103 | 162 | 220 | 450 | 564 | 1028 | 1197 | 1583 | 2383 | | | 2893 | | |
| 31 | | 76 | 157 | 214 | 438 | 550 | 1003 | 1166 | 1540 | 2089 | | | 2558 | | |
| 32 | | 74 | 153 | 209 | 428 | 537 | 866 | 1009 | 1500 | 2035 | 2978 | | 2491 | | |
| 33 | | | 72 | 150 | 204 | 352 | 451 | 846 | 985 | 1289 | 1984 | 2908 | 2428 | | |
| 34 | | | | 146 | 158 | 344 | 441 | 828 | 962 | 1257 | 1726 | 2605 | 2134 | | |
| 35 | | | | 108 | 154 | 336 | 431 | 707 | 824 | 1227 | 1685 | 2547 | 2083 | | |
| 36 | | | | 105 | 151 | 329 | 422 | 692 | 806 | 1041 | 1646 | 2271 | 2035 | | |
| 37 | | | | 103 | 148 | 265 | 348 | 678 | 788 | 1017 | 1418 | 2223 | 1774 | | |
| 38 | | | | | 144 | 259 | 341 | 664 | 772 | 994 | 1386 | 1969 | 1735 | | |
| 39 | | | | | 107 | 254 | 334 | 560 | 653 | 972 | 1356 | 1930 | 1697 | | |
| 40 | | | | | 105 | 249 | 327 | 549 | 640 | 812 | 1328 | 1892 | 1486 | | |
| 41 | | | | | 102 | 244 | 264 | 539 | 627 | 795 | 1130 | 1664 | 1435 | | |
| 42 | | | | | 100 | 190 | 259 | 529 | 615 | 779 | 1107 | 1633 | 1406 | | |
| 43 | | | | | | 187 | 254 | 437 | 511 | 763 | 1085 | 1603 | 1199 | | |
| 44 | | | | | | 183 | 249 | 430 | 502 | 749 | 1064 | 1574 | 1175 | | |
| 45 | | | | | | 180 | 245 | 422 | 492 | 611 | 890 | 1373 | 1153 | | |
| 46 | | | | | | 177 | 240 | 415 | 484 | 600 | 874 | 1349 | 1134 | | |
| 47 | | | | | | 174 | 187 | 408 | 475 | 589 | 858 | 1326 | 1110 | | |
| 48 | | | | | | 129 | 184 | 330 | 386 | 578 | 842 | 1144 | 931 | | |
| 49 | | | | | | 127 | 181 | 325 | 380 | 568 | 828 | 1125 | 914 | | |
| 50 | | | | | | 125 | 178 | 319 | 373 | 558 | 678 | 1107 | 898 | | |
| 51 | | | | | | 123 | 175 | 314 | 367 | 442 | 666 | 1089 | 883 | | |
| 52 | | | | | | 121 | 172 | 310 | 361 | 435 | 655 | 1072 | 869 | | |
| 53 | | | | | | | 170 | 305 | 356 | 428 | 644 | 912 | 713 | | |
| 54 | | | | | | | 126 | 235 | 280 | 421 | 634 | 898 | 701 | | |
| 55 | | | | | | | 124 | 232 | 276 | 414 | 624 | 885 | 690 | | |
| 56 | | | | | | | 122 | 230 | 271 | 408 | 614 | 872 | 679 | | |
| 57 | | | | | | | 121 | 228 | 267 | 401 | 488 | 860 | 668 | | |
| 58 | | | | | | | 119 | 225 | 263 | 304 | 480 | 719 | 658 | | |
| 59 | | | | | | | | 117 | 222 | 260 | 300 | 473 | 709 | 649 | |
| 60 | | | | | | | | | 219 | 256 | 295 | 466 | 699 | 639 | |
| 61 | | | | | | | | | 216 | 252 | 291 | 460 | 689 | 609 | |
| 62 | | | | | | | | | | 161 | 190 | 287 | 453 | 680 | 501 |



| STANDART MAKARA ÖLÇÜLERİ / STANDARD REEL SIZE | | | | | | | | | | | |
|---|----------------------|------------|-----------|-----------|--|-------------------------------|-----------------------|--------------------------------|------------------------|---------------------------------|--|
| MAKARA TIPI DRUM TYPE | ÖLÇÜLER / DIMENSIONS | | | | TAŞIMA KAPASİTESİ LOAD CAPACITY (kg) | AĞIRLIKLAR / DRUM WEIGHT (KG) | | | | | HACİM SPACE REQUIREMENT (m ³) |
| | D (mm) | D1 (mm) | L (mm) | D (mm) | | BOŞ (kg) | KAPALI %50 (kg) | TOPLAM %50 (+/-) (kg) | KAPALI %100 (kg) | TOPLAM %100 (+/-) (kg) | |
| 050 | 500 | 260 | 370 | 050 | 200 | 18 | 4 | 22 | 8 | 26 | 0,09 |
| 060 | 600 | 300 | 370 | 050 | 350 | 20 | 6 | 26 | 12 | 32 | 0,13 |
| 070 | 700 | 350 | 470 | 80 | 500 | 23 | 7 | 30 | 14 | 37 | 0,23 |
| 080 | 800 | 400 | 470 | 80 | 650 | 36 | 8 | 44 | 16 | 52 | 0,30 |
| 090 | 900 | 450 | 650 | 80 | 800 | 50 | 11 | 61 | 22 | 72 | 0,53 |
| 100 | 1000 | 500 | 650 | 80 | 1000 | 60 | 15 | 75 | 30 | 90 | 0,65 |
| 120 | 1200 | 600 | 820 | 100 | 1400 | 90 | 17 | 107 | 34 | 124 | 1,18 |
| 140 | 1400 | 700 | 820 | 100 | 1800 | 115 | 20 | 135 | 40 | 155 | 1,61 |
| 160 | 1600 | 800 | 1080 | 110 | 2200 | 210 | 25 | 235 | 50 | 260 | 2,76 |
| 180 | 1800 | 1000 | 1080 | 110 | 2800 | 270 | 30 | 300 | 60 | 330 | 3,50 |
| 200 | 2000 | 1200 | 1080 | 110 | 3500 | 350 | 35 | 385 | 70 | 420 | 4,32 |
| 220 | 2200 | 1400 | 1320 | 125 | 4000 | 420 | 40 | 460 | 80 | 500 | 6,39 |
| 240 | 2400 | 1500 | 1320 | 125 | 5000 | 480 | 48 | 528 | 96 | 576 | 7,60 |
| 260 | 2600 | 1600 | 1320 | 125 | 6000 | 650 | 55 | 705 | 110 | 760 | 8,92 |
| 280 | 2800 | 1800 | 1820 | 125 | 7500 | 850 | 80 | 930 | 160 | 1010 | 14,26 |

BİLGİLER
informations

| KABLOLARIN DÖŞENMESİ ESNASINDA MÜSADE EDİLEN MİNİMUM BÜKÜLME YARI ÇAPLARI MIN. CONTERTION STRUCTURAL MODULES PERMITTED DURING THE INSTALLATION OF CABLES | | |
|---|--------------------------------------|---|
| | (0,6/1 kV) KADAR UNTIL (0,6/1 kV) | (0,6/1 kV)' DAN BÜYÜKSE BIGGER THAN (0,6/1 kV) |
| ÇOK DAMARLI KABLOLAR MULTI STREAKED CABLES | 12xD | 15xD |
| TÜM TEK DAMARLI KABLOLAR ALL SINGLE STREAKED CABLES | 12xD | 15xD |

- DÖŞEME ESNASINDA MÜSADE EDİLEN (MİN). ÇEVRE SICAKLIĞI (+3 °C)'DIR.
THE MIN. ENVIRONMENTAL TEMPERATURE PERMITTED DURING THE INSTALLATION IS (+3 °C)
- DAHA DÜŞÜK SICAKLIKLARDA KABLOYU ÖN ISITMAYA TABİ TUTMALIDIR.
THE CABLES SHOULD BE PRE - HEATED UNDER TEMPERATURES LOWER THAN THE STATED

| KABLOLARIN AKIM YÜKLENEBİLME ÖZELLİKLERİ THE CURRENT APPLICABILITY OF CABLES | | | | | | | | | | | |
|---|--|---|------------------|---|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
| KABLO CİNSİ CABLES TYPE | H05 V-U/K H07 V-U/K KABLOLARI H05 VV-F | | | Y KABLOLARI Y CABLES | | | | | | | |
| | 380 - 1000 | | | 0,6 / 1 KV | | 3,5 / 6 KV | | 5,8 / 10 KV | | 8,7 / 15 KV | |
| GERİLİM VOLTAGE | 1 | 2-5 | 1 | 3 ve 4 | | 3 | | 3 | | 3 | |
| | SÖZÜMÜ ŞEKLİ TYPE OF INSTALLANT | BORU İÇİNDE BİR YADA DAHA TAZI KABLO SINGLE OR SEV. CABLES IN A DUCT | HAVADA IN AIR | HAVADA ASKARI KABLO ÇAĞI AMİLEĞİ ÖLE SÖZÜMÜŞÜ OPEN AIR INSTALL WITH A MINIMUM GAP | TOPRAKTA IN SOIL | HAVADA IN AIR | TOPRAKTA IN SOIL | HAVADA IN AIR | TOPRAKTA IN SOIL | HAVADA IN AIR | TOPRAKTA IN SOIL |
| KESİTİ CROSS SECTION | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) |
| (mm ²) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) | (A) |
| 0,75 | ----- | 13 | 16 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 1,00 | 12 | 16 | 20 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 1,50 | 16 | 20 | 25 | 27 | 17,5 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2,50 | 21 | 27 | 34 | 36 | 24 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4,00 | 27 | 36 | 45 | 46 | 32 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6,00 | 35 | 47 | 57 | 58 | 41 | ----- | ----- | ----- | ----- | ----- | ----- |
| 10,00 | 48 | 65 | 78 | 77 | 57 | ----- | ----- | ----- | ----- | ----- | ----- |
| 16,00 | 65 | 87 | 104 | 100 | 76 | ----- | ----- | ----- | ----- | ----- | ----- |
| 25,00 | 88 | 115 | 137 | 130 | 101 | 120 | 105 | 125 | 115 | 105 | 97 |
| 35,00 | 110 | 143 | 168 | 155 | 125 | 150 | 130 | 150 | 135 | 130 | 117 |
| 50,00 | 140 | 178 | 210 | 185 | 151 | 175 | 155 | 175 | 165 | 155 | 146 |
| 70,00 | 175 | 220 | 260 | 230 | 192 | 215 | 195 | 215 | 205 | 190 | 180 |
| 95,00 | 210 | 265 | 310 | 275 | 232 | 260 | 240 | 255 | 250 | 225 | 220 |
| 120,00 | 250 | 310 | 365 | 315 | 269 | 295 | 275 | 290 | 285 | 260 | 250 |
| 150,00 | ----- | 365 | 415 | 355 | 309 | 335 | 315 | 325 | 320 | 300 | 299 |
| 185,00 | ----- | 406 | 475 | 400 | 353 | 375 | 360 | 365 | 365 | 340 | 345 |
| 240,00 | ----- | 480 | 560 | 465 | 415 | 435 | 430 | 425 | 430 | 400 | 403 |

| TEK VEYA ÇOK DAMARLI KABLOLARDA KULLANILAN ÇOK TELLİ (TEL DEMETLİ) İLETKENLER MULTI WIRE CONDUCTORS USED IN SINGLE OR MULTI CORE CABLES | | | | | | | | | | |
|--|---|-----------------|---|-------|---|-------|---|----------|---|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| İLETKENİ OLUŞTURAN EN AZ TEL SAYISI THE MINIMUM NUMBER OF WIRES IN THE CONDUCTORS | | | | | | | 20° C'DEKİ EN BÜYÜK DOĞRU AKIM DİRENCİ MAX. D.C. RESISTANCE AT 20° C | | | |
| NOMİNAL KESİTİ ALANI NOMINAL CROSS SECTION | SİKİŞTİRİLMAMİŞ DAİRESEL İLETKEN UNSQUEEZED CIRCULAR CONDUCTOR | | SİKİŞTİRİLMİŞ DAİRESEL İLETKEN SQUEEZED CIRCULAR CONDUCTOR | | BİÇİMLENDİRİLMİŞ İLETKEN SHAPED CONDUCTOR | | BAKIR İLETKEN COPPER CONDUCTOR | | METAL KAPLAMALI KAPLAMALI YADA GÖZMELİ ALUMİNYUM İLETKENLER WITH AND WITHOUT METAL COATED OR COVERED ALUMINIUM WIRES | |
| | (mm ²) | CU | AL | CU | AL | CU | AL | (Ω / Km) | (Ω / Km) | (Ω / Km) |
| 0,50 | 7 | ----- | ----- | ----- | ----- | ----- | 36,0000 | 36,7000 | ----- | |
| 0,75 | 7 | ----- | ----- | ----- | ----- | ----- | 24,5000 | 24,8000 | ----- | |
| 1,00 | 7 | ----- | ----- | ----- | ----- | ----- | 18,1000 | 18,2000 | ----- | |
| 1,50 | 7 | ----- | 6 | ----- | ----- | ----- | 12,1000 | 12,2000 | ----- | |
| 2,50 | 7 | ----- | 6 | ----- | ----- | ----- | 7,4100 | 7,5600 | ----- | |
| 4,00 | 7 | 7 ³⁾ | 6 | ----- | ----- | ----- | 4,6100 | 4,7000 | 7,4100 | |
| 6,00 | 7 | 7 ³⁾ | 6 | ----- | ----- | ----- | 3,0800 | 3,1100 | 4,6100 | |
| 10,00 | 7 | 7 | 6 | ----- | ----- | ----- | 1,8300 | 1,8400 | 3,8000 | |
| 16,00 | 7 | 7 | 6 | 6 | ----- | ----- | 1,1500 | 1,1000 | 1,9100 | |
| 25,00 | 7 | 7 | 6 | 6 | 6 | 6 | 0,7270 | 0,3740 | 1,2000 | |
| 35,00 | 7 | 7 | 6 | 6 | 6 | 6 | 0,5240 | 0,5290 | 0,8680 | |
| 50,00 | 19 | 19 | 6 | 6 | 6 | 6 | 0,3870 | 0,3910 | 0,6410 | |
| 70,00 | 19 | 19 | 12 | 12 | 12 | 12 | 0,2680 | 0,2700 | 0,4430 | |
| 95,00 | 19 | 19 | 15 | 15 | 15 | 15 | 0,1930 | 0,1950 | 0,3200 | |
| 120,00 | 37 | 37 | 18 | 15 | 18 | 15 | 0,1530 | 0,1540 | 0,2530 | |
| 150,00 | 37 | 37 | 18 | 15 | 18 | 15 | 0,1240 | 0,1260 | 0,2060 | |
| 185,00 | 37 | 37 | 30 | 30 | 30 | 30 | 0,0991 | 0,1000 | 0,1640 | |
| 240,00 | 61 | 61 | 34 | 30 | 34 | 30 | 0,0754 | 0,0762 | 0,1250 | |
| 300,00 | 61 | 61 | 34 | 30 | 34 | 30 | 0,0601 | 0,0607 | 0,1000 | |
| 400,00 | 61 | 61 | 53 | 53 | 53 | 53 | 0,0470 | 0,0475 | 0,0778 | |
| 500,00 | 61 | 61 | 53 | 53 | 53 | 53 | 0,0366 | 0,0369 | 0,0605 | |
| 630,00 | 91 | 91 | 53 | 53 | 53 | 53 | 0,0283 | 0,0286 | 0,0469 | |
| 800,00 | 91 | 91 | 53 | 53 | ----- | ----- | 0,0221 | 0,0224 | 0,0367 | |
| 1000,00 | 91 | 91 | 53 | 53 | ----- | ----- | 0,0176 | 0,0177 | 0,0291 | |
| 1200,00 | 1) | ----- | 1) | ----- | ----- | ----- | ----- | 0,0151 | 0,0247 | |
| (1400) ²⁾ | 1) | ----- | 1) | ----- | ----- | ----- | ----- | 0,0129 | 0,0212 | |
| 1600 | 1) | ----- | 1) | ----- | ----- | ----- | ----- | 0,0113 | 0,0186 | |
| (1800) ²⁾ | 1) | ----- | 1) | ----- | ----- | ----- | ----- | 0,0101 | 0,0165 | |
| 2000 | 1) | ----- | 1) | ----- | ----- | ----- | ----- | 0,0090 | 0,0149 | |

- 1- EN AZ TEL SAYISI BELİRTİLMEMİŞTİR
THE MINIMUM NUMBER OF WIRE IS NOT MENTIONED
- 2- BU KESİTLER, KABLOLUN TİPİ VE UYGULAMA DURUMLARI AÇISINDAN İLETKEN UYGUNLUĞUNUN ÖZELLİKLE ÖNGÖRÜLDÜĞÜ HALLERDE KULLANILABİLİR
THESE CROSS SECTIONS ARE USED WHENEVER THE CONDUCTORS LENGTH ARE NECESSARY FOR CABLES TYPE AND APPLICATION PLACE
- 3- PARANTEZ İÇİNDEKİLER KESİTLER, ZORUNLULUK DEREJESİ ÖNCEDEN BELİRTİLMEK ŞARTI İLE KULLANILABİLİR
THESE CROSS SECTION WHICH ARE IN BRACKETS CAN ONLY BE USED FOR THE PREDECLARED REASON OF APPLICATION

