

YAVZ4V / NAYBY



- 1) Örgülü Alüminyum İletken
Stranded Aluminium Conductor
- 2) PVC İzole
PVC Insulation
- 3) PVC Dolgu
PVC Filler
- 4) Galvanizli Çift Çelik Bant
Galvanized Double Steel Tape
- 5) PVC Kılıf
PVC Sheath

Rm : Çok Tellli Yuvarlak İletken
Rm : Multi Wire Round Conductor



STANDARD
TS IEC 60502-1

TEKNİK BİLGİLER

| | |
|--------------------------------|-----------|
| İzin verilen işletme sıcaklığı | : 70 °C |
| Kısa devre sıcaklığı | : 160°C |
| Test gerilimi (AC) | : 4 kV |
| Serim sıcaklığı min | : 5 °C |
| Minimum Bükme Yarı Çapı | : 15xD |
| Anma gerilimi | : 0.6/1kV |

KULLANIM ALANLARI

Mekanik zorlanmanın fazla olduğu yerlerde sıva üstünde, kablo kanalı içinde toprak altında şebeke ve aydınlatma kablosu olarak kullanılır. Zırlı yapısı sayesinde dışarıdan gelebilecek darbelerle karşı dayanıklıdır.

TECHNICAL DATA

| | |
|-----------------------------------|-----------|
| Permissible operating temperature | : 70 °C |
| Short circuit temperature | : 160 °C |
| Test Voltage (AC) | : 4 kV |
| Installation temperature minimum | : 5 °C |
| Minimum Bending Radius | : 15xD |
| Rated Voltage | : 0.6/1kV |

USAGE AREAS

It is used in places where the mechanical stresses are high, used as surface mounted, in ducts, underground, as mains and lighting cable. Due to having galvanized double steel tape armour they conform to heavy installation and mounting conditions.

70°C
Max. işletme sıcaklığı
Max. Operating temperature

160°C
Kısa devre sıcaklığı
Short circuit temperature

Test Gerilimi
(AC) 4 kV
Test Voltage
(AC) 4 kV

Aleve dayanıklılık
Flame retardant
IEC 60332-1

Pb
Kurşunsuz
Lead-free

Örgülü
Stranded

Som
Solid

Serim sıcaklığı
minimum 5°C
Installation temperature
min 5°C

Boru içinde
In conduit

Açıkta
Outdoor

Beton içinde
In concrete

Toprak altında
Direct buried

Endüstriyel tesisat
Industrial installations

TEKNİK ÖZELLİKLER TECHNICAL DATA

YAVZ4V / NAYBY

YAVZ4V / NAYBY (0.6/1kV)

| Nominal Kesit | Kablo Dış Çapı(Yaklaşık) | Akım Taşıma Kapasitesi | | İletken DC Direnci (20°C) | Net Ağırlık (Yaklaşık) | Ambalaj miktarı | Ambalaj |
|---------------------|------------------------------------|------------------------------|----------|---------------------------------|------------------------|-------------------|----------------------------------|
| | | Havada | Toprakta | | | | |
| Rated Cross-section | Overall Diameter of Cable (Approx) | Current Carrying Capacity in | | Conductor DC Resistance at 20°C | Net Weight (Approx) | Amount of Packing | Packing |
| mm ² | mm | Air | Ground | ohm / km | kg / km | m | C: Kangal/Coil R: Makara/Reel |
| 2X25 | 23.7 | 82 | 102 | 1.200 | 878 | 1000 | R 1200 |
| 2X35 | 25.7 | 100 | 123 | 0.868 | 1029 | 1000 | R 1300 |
| 2X50 | 29.3 | 119 | 144 | 0.641 | 1313 | 1000 | R 1400 |
| 2X70 | 33.7 | 152 | 179 | 0.443 | 1721 | 1000 | R 1500 |
| 2X95 | 39.3 | 186 | 215 | 0.320 | 2712 | 1000 | R 1700 |
| 2X120 | 42.9 | 216 | 245 | 0.253 | 3188 | 1000 | R 1900 |
| 2X150 | 46.9 | 246 | 275 | 0.206 | 3747 | 1000 | R 2000 |
| 2X185 | 51.3 | 285 | 313 | 0.164 | 4406 | 1000 | R 2200 |
| 2X240 | 58.0 | 338 | 364 | 0.125 | 5521 | 500 | R 2000 |
| 3X25 | 25.0 | 82 | 102 | 1.200 | 979 | 1000 | R 1300 |
| 3X35 | 27.3 | 100 | 123 | 0.868 | 1163 | 1000 | R 1400 |
| 3X50 | 31.2 | 119 | 144 | 0.641 | 1492 | 1000 | R 1500 |
| 3X70 | 37.1 | 152 | 179 | 0.443 | 2453 | 1000 | R 1600 |
| 3X95 | 41.8 | 186 | 215 | 0.320 | 3064 | 1000 | R 1800 |
| 3X120 | 46.2 | 216 | 245 | 0.253 | 3686 | 1000 | R 2000 |
| 3X150 | 50.0 | 246 | 275 | 0.206 | 4268 | 1000 | R 2200 |
| 3X185 | 54.8 | 285 | 313 | 0.164 | 5036 | 500 | R 1800 |
| 3X240 | 61.9 | 338 | 364 | 0.125 | 6315 | 500 | R 2000 |
| 3X300 | 67.6 | 400 | 419 | 0.100 | 7464 | 500 | R 2200 |
| 3X400 | 76.5 | 472 | 484 | 0.078 | 9300 | 500 | R 2400 |

TEKNİK ÖZELLİKLER TECHNICAL DATA

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YAVZ4V / NAYBY (0.6/1kV)

| Nominal Kesit | Kablo Dış Çapı (Yaklaşık) | Akım Taşıma Kapasitesi | | İletken DC Direnci (20°C) | Net Ağırlık (Yaklaşık) | Ambalaj miktarı | Ambalaj |
|---------------------|------------------------------------|------------------------------|----------|---------------------------------|------------------------|-------------------|----------------------------------|
| | | Havada | Toprakta | | | | |
| Rated Cross-section | Overall Diameter of Cable (Approx) | Current Carrying Capacity in | | Conductor DC Resistance at 20°C | Net Weight (Approx) | Amount of Packing | Packing |
| mm ² | mm | Air | Ground | ohm / km | kg / km | m | C: Kangal/Coil R: Makara/Reel |
| 4X25 | 27.3 | 82 | 102 | 1.2 | 1141 | 1000 | R 1400 |
| 4X35 | 29.9 | 100 | 123 | 0.868 | 1363 | 1000 | R 1500 |
| 4X50 | 34.9 | 119 | 144 | 0.641 | 1814 | 1000 | R 1600 |
| 4X70 | 40.7 | 152 | 179 | 0.443 | 2865 | 1000 | R 1800 |
| 4X95 | 46.5 | 186 | 215 | 0.32 | 3670 | 1000 | R 2000 |
| 4X120 | 50.9 | 216 | 245 | 0.253 | 4350 | 1000 | R 2200 |
| 4X150 | 55.2 | 246 | 275 | 0.206 | 5057 | 1000 | R 2400 |
| 4X185 | 61.0 | 285 | 313 | 0.164 | 6056 | 500 | R 2000 |
| 4X240 | 68.5 | 338 | 364 | 0.125 | 7526 | 500 | R 2100 |
| 4X300 | 75,2 | 400 | 419 | 0.1 | 8987 | 500 | R 2300 |
| 4X400 | 85.0 | 472 | 484 | 0.078 | 11400 | 500 | R 2400 |
| 5x25 | 29.8 | 82 | 102 | 1.2 | 1315 | 1000 | R 1500 |
| 5x35 | 33.3 | 100 | 123 | 0.868 | 1629 | 1000 | R 1500 |
| 5x50 | 39.5 | 119 | 144 | 0.641 | 2636 | 1000 | R 1800 |
| 5x70 | 44.7 | 152 | 179 | 0.443 | 3318 | 1000 | R 1900 |
| 5x95 | 51.0 | 186 | 215 | 0.32 | 4247 | 500 | R 1600 |
| 5x120 | 55.9 | 216 | 245 | 0.253 | 5049 | 500 | R 1700 |
| 3X25+16 | 27.0 | 82 | 102 | 1.200/1.910 | 1107 | 1000 | R 1300 |
| 3X35+16 | 29.0 | 100 | 123 | 0.868/1.910 | 1276 | 1000 | R 1400 |
| 3X50+25 | 33.3 | 119 | 144 | 0.641/1.200 | 1659 | 1000 | R 1500 |
| 3X70+35 | 38.8 | 152 | 179 | 0.443/0.868 | 2631 | 1000 | R 1700 |
| 3X95+50 | 43.8 | 186 | 215 | 0.320/0.641 | 3303 | 1000 | R 1900 |
| 3X120+70 | 48.3 | 216 | 245 | 0.253/0.443 | 3974 | 1000 | R 2100 |
| 3X150+70 | 51.4 | 246 | 275 | 0.206/0.443 | 4474 | 1000 | R 2300 |
| 3X185+95 | 56.8 | 285 | 313 | 0.164/0.320 | 5373 | 500 | R 2000 |
| 3X240+120 | 63.4 | 338 | 364 | 0.125/0.253 | 6621 | 500 | R 2200 |
| 3X300+150 | 70.0 | 400 | 419 | 0.100/ 0.206 | 7900 | 500 | R 2300 |
| 3X400+185 | 79.0 | 472 | 484 | 0.0778/0.164 | 9900 | 500 | R 2400 |