



Teknik Veriler / Technical Data



Çalışma gerilimi
Operating voltage
400/750 V



İzolasyon direnci
Insulation resistance
Min 20 Mohm x Km



Çalışma sıcaklığı
Operating temperature
-30 ...+70°C



Bükme yarıçapı
Bending radius
Min. 15 x Ø



Test gerilimi
Test voltage
2500 V



Kapasite (800 Hz)
Capacitance (800 Hz)
Max. 120 pf/m



Kısa devre sıcaklığı Max.
Short-circuit temperature Max.
160°C



Alev iletmeme
Flame retardant
IEC 60332-1-2

YSLYSY/YSLYQY-JZ 750 450/750V



Kullanım Alanları

Bu kablolar, makinelerde ölçme ve kontrol kablosu, konveyör bağlantıları, makine üretimi üretim hatları, klimalar ve çelik üretimi gibi mekanik gerilmelerin olmadığı yada hafif şiddet gerilmeli, hareket zorlamasız kuru, nemli ve ıslak yerlerde kullanılır.

Applications

These cables are suitable for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, as measuring and control cables in tool machines, conveyor belts, production lines in machinery production, in air-conditioning and in steel production.

Kablo Yapısı / Cable Structure

| | |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------|
| İletken Conductor | : Tavlı bükülü bakır tel (HD 383 S2 Class 5) : Annealed stranded copper wire (HD 383 S2 Class 5) |
| İzolasyon Insulation | : PVC bileşik (HD 21.1 S4 / T11) : PVC compound (HD 21.1 S4 / T11) |
| Damar renkleri Core Identification | : Sarı/Yeşil ve numaralı damarlar : Green/Yellow and numbered cores |
| Büküm Lay-up | : Katlar halinde bükülür : In layers stranding |
| İç kılıf Inner sheath | : PVC bileşik : PVC compound |
| Zırh Armour | : Çelik tel örgü zırh : Steel wire braid armour |
| Dış kılıf Outer sheath | : PVC bileşik (HD 21.1 S4 / TM2) : PVC compound (HD 21.1 S4 / TM2) |
| Kılıf Rengi Sheath Color | : Şeffaf veya RAL 7001 Gri : Transparent or RAL 7001 Gray |

Uygulanan Testler / Applied Tests

| | |
|-------------------------------------------------------------|---------------------------------------------------------------------|
| Yapısal boyut testleri Structural dimension tests | : DIN VDE 472 Teil 401, 402 |
| Mekanik testler Mechanical tests | : DIN VDE 472 Teil 303, 602, 603, 604, 608, 609, 610, 612 620, 804, |
| Elektriksel testler Electrical tests | : DIN VDE 472 Teil 502, 504, 509, 510 |
| Yangın performans testleri Fire performance tests | : VDE 0482-332-1-2 |

| Damar Sayısı x İletken Kesiti (mm²) | Dış Çap yaklaşık (mm) | Bakır Faktörü (kg/km) | Kablo Ağırlığı yaklaşık (kg/km) |
|--------------------------------------|-----------------------|-----------------------|---------------------------------|
| Core Numbers Conductor Section (mm²) | O.D approx (mm) | Copper Factor (kg/km) | Cable Weight approx (kg/km) |
| 2 x 2,5 | 12,1 | 48,0 | 245,0 |
| 3 G 2,5 | 12,6 | 72,0 | 278,0 |
| 4 G 2,5 | 13,9 | 96,0 | 339,0 |
| 5 G 2,5 | 15,2 | 120,0 | 397,0 |
| 7 G 2,5 | 16,3 | 168,0 | 470,0 |
| 2 x 4 | 13,6 | 76,8 | 329,0 |
| 4 G 4 | 15,7 | 154,0 | 457,0 |
| 5 G 4 | 17,1 | 192,0 | 545,0 |
| 3 G 6 | 15,8 | 173,0 | 544,0 |
| 4 G 6 | 17,2 | 230,0 | 687,0 |

| Damar Sayısı x İletken Kesiti (mm²) | Dış Çap yaklaşık (mm) | Bakır Faktörü (kg/km) | Kablo Ağırlığı yaklaşık (kg/km) |
|--------------------------------------|-----------------------|-----------------------|---------------------------------|
| Core Numbers Conductor Section (mm²) | O.D approx (mm) | Copper Factor (kg/km) | Cable Weight approx (kg/km) |
| 5 G 6 | 18,8 | 288,0 | 798,0 |
| 4 G 10 | 21,3 | 384,0 | 1.009,0 |
| 5 G 10 | 23,3 | 480,0 | 1.197,0 |
| 4 G 16 | 24,1 | 614,0 | 1.384,0 |
| 5 G 16 | 26,8 | 768,0 | 1.740,0 |
| 4 G 25 | 29,4 | 960,0 | 2.021,0 |
| 5 G 25 | 32,6 | 1.200,0 | 2.464,0 |
| 4 G 35 | 32,4 | 1.344,0 | 2.570,0 |
| 5 G 35 | 36,0 | 1.680,0 | 3.185,0 |
| 4 G 50 | 38,8 | 1.920,0 | 3.514,0 |



YSLYSY/YSLYQY-JZ 750 450/750V



| Damar Sayısı x İletken Kesiti (mm ²) | Dış Çap yaklaşık (mm) | Bakır Faktörü (kg/km) | Kablo Ağırlığı yaklaşık (kg/km) |
|---------------------------------------------------|-----------------------|-----------------------|---------------------------------|
| Core Numbers Conductor Section (mm ²) | O.D approx (mm) | Copper Factor (kg/km) | Cable Weight approx (kg/km) |
| 2x0,50 | 7,9 | 9,6 | 103,0 |
| 3x0,50 | 8,2 | 14,4 | 120,0 |
| 4x0,50 | 9,1 | 19,2 | 136,0 |
| 5x0,50 | 9,4 | 24,0 | 160,0 |
| 7x0,50 | 10,2 | 33,6 | 188,0 |
| 12x0,50 | 13,1 | 57,6 | 256,0 |
| 18x0,50 | 15,2 | 86,4 | 340,0 |
| 25x0,50 | 18,1 | 120,0 | 402,0 |
| 2x0,75 | 8,6 | 14,4 | 116,0 |
| 3x0,75 | 8,9 | 21,6 | 129,0 |
| 4x0,75 | 9,5 | 28,8 | 151,0 |
| 5x0,75 | 9,9 | 36,0 | 175,0 |
| 7x0,75 | 10,7 | 50,0 | 206,0 |
| 12x0,75 | 13,4 | 86,0 | 312,0 |
| 18x0,75 | 16,0 | 129,0 | 420,0 |
| 2x1 | 8,9 | 19,2 | 140,0 |

- * Direkt olarak toprak altına gömülmesi önerilmez.
- * G = Sarı/yeşil toprak damarlı, X = Toprak damarsız
- * Standart ambalajlama
Kangal < 30 kg ve 250 mt < Makara
- * Akım taşıma kapasiteleri için teknik eklere bakınız

| Damar Sayısı x İletken Kesiti (mm ²) | Dış Çap yaklaşık (mm) | Bakır Faktörü (kg/km) | Kablo Ağırlığı yaklaşık (kg/km) |
|---------------------------------------------------|-----------------------|-----------------------|---------------------------------|
| Core Numbers Conductor Section (mm ²) | O.D approx (mm) | Copper Factor (kg/km) | Cable Weight approx (kg/km) |
| 3x1 | 9,2 | 28,8 | 158,0 |
| 4x1 | 9,8 | 38,4 | 190,0 |
| 5x1 | 10,6 | 48,0 | 213,0 |
| 7x1 | 11,4 | 67,2 | 266,0 |
| 12x1 | 16,1 | 115,2 | 371,0 |
| 18x1 | 17,5 | 172,8 | 502,0 |
| 25x1 | 18,9 | 240,0 | 618,0 |
| 2x1,5 | 9,7 | 29,0 | 128,0 |
| 3x1,5 | 10,1 | 43,0 | 153,0 |
| 4x1,5 | 10,7 | 58,0 | 210,0 |
| 5x1,5 | 11,6 | 72,0 | 242,0 |
| 7x1,5 | 12,4 | 101,0 | 297,0 |
| 12x1,5 | 16,1 | 173,0 | 475,0 |
| 18x1,5 | 18,8 | 259,0 | 760,0 |
| 25x1,5 | 21,3 | 360,0 | 930,0 |

- * Not recommended used for direct underground burial.
- * G = With green/yellow earth core, X = without earth core
- * Standard packaging
Coil < 30 kg and 250 mt < Drum
- * See the technical annexes for current carrying capacities.