

## Teknik Veriler / Technical Data



**Çalışma gerilimi**  
Operating voltage  
600/1000 V



**İzolasyon direnci**  
Insulation resistance  
Min 20 Mohm x Km



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



**Bükme yarıçapı**  
Bending radius  
Min. 7,5 x Ø



**Test gerilimi**  
Test voltage  
4000 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



**Yağa dayanım**  
Oil resistant

# YSLYö-JZ 600

0,6/1 kV



## 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

|  |   |
|--|---|
| <b>İletken</b><br>Conductor                  | : Tavlı bükülü bakır tel (HD 383 S2 Class 5)<br>: Annealed stranded copper wire (HD 383 S2 Class 5) |
| <b>İzolasyon</b><br>Insulation               | : PVC bileşik (HD 21.1 S4 / TI2)<br>: PVC compound (HD 21.1 S4 / TI2)                               |
| <b>Damar renkleri</b><br>Core Identification | : Sarı/Yeşil ve numaralı damarlar<br>: Green/Yellow and numbered cores                              |
| <b>Büküm</b><br>Lay-up                       | : Katlar halinde bükülür<br>: In layers stranding   |
| <b>Dış kılıf</b><br>Outer sheath             | : Yağa dayanıklı PVC bileşik (HD 21.1 S4 / TM5)<br>: Oil resistance PVC compound (HD 21.1 S4 / TM5) |
| <b>Kılıf Rengi</b><br>Sheath Color           | : RAL 9005 Siyah<br>: RAL 9005 black  |

### Uygulanan Testler / Applied Tests

|   |   |
|---|---|
| <b>Yapısal boyut testleri</b><br>Structural dimension tests | : DIN VDE 472 Teil 401, 402   |
| <b>Mekanik testler</b><br>Mechanical tests                  | : DIN VDE 472 Teil 303, 602, 603, 604, 608, 609, 610, 612 620, 804, 808 |
| <b>Elektriksel testler</b><br>Electrical tests              | : DIN VDE 472 Teil 502, 504, 509, 510                                   |
| <b>Yangın performans testleri</b><br>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 1,0                              | 8,6                   | 19,2                  | 98,0                            |
| 3 G 1,0                              | 9,0                   | 29,0                  | 112,0                           |
| 4 G 1,0                              | 9,6                   | 38,0                  | 131,0                           |
| 5 G 1,0                              | 10,4                  | 48,0                  | 152,0                           |
| 2 x 1,5                              | 9,6                   | 29,0                  | 123,0                           |
| 3 G 1,5                              | 10,1                  | 43,0                  | 144,0                           |
| 4 G 1,5                              | 10,8                  | 58,0                  | 170,0                           |
| 5 G 1,5                              | 11,7                  | 72,0                  | 199,0                           |
| 2 x 2,5                              | 10,8                  | 48,0                  | 147,0                           |
| 3 G 2,5                              | 11,3                  | 72,0                  | 182,0                           |
| 4 G 2,5                              | 12,2                  | 96,0                  | 225,0                           |

| 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 2,5                              | 13,3                  | 120,0                 | 266,0                           |
| 4 G 4                                | 13,8                  | 154,0                 | 324,0                           |
| 4 G 6                                | 15,1                  | 230,0                 | 442,0                           |
| 4 G 10                               | 18,7                  | 384,0                 | 707,0                           |
| 4 G 16                               | 21,3                  | 614,0                 | 1.100,0                         |
| 4 G 25                               | 26,2                  | 960,0                 | 1.600,0                         |
| 4 G 35                               | 29,1                  | 1.344,0               | 2.400,0                         |
| 4 G 50                               | 35,6                  | 1.920,0               | 3.400,0                         |
| 4 G 70                               | 40,7                  | 2.688,0               | 5.050,0                         |
| 4 G 95                               | 46,8                  | 3.648,0               | 6.010,0                         |
| 4 G 120                              | 53,5                  | 4.608,0               | 7.500,0                         |