


## Teknik Veriler / Technical Data

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

 **Test gerilimi**  
Test voltage  
4000 V

 **Yağa dayanım**  
Oil resistant

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

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

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

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

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

 **Alev iletmeme**  
Flame retardant  
IEC 60332-1-2

# YSLYCYö-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> Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 5) : Annealed stranded copper wire (HD 383 S2 Class 5)
<b>İzolasyon</b> Insulation	: PVC bileşik (HD 21.1 S4 / TI1) : PVC compound (HD 21.1 S4 / TI1)
<b>Damar renkleri</b> Core Identification	: Sarı/Yeşil ve numaralı damarlar : Green/Yellow and numbered cores
<b>Büküm</b> Lay-up	: Katlar halinde bükülür : In layers stranding
<b>İç kılıf</b> Inner sheath	: PVC bileşik : PVC compound
<b>Ekran</b> Screen	: Kalaylı bakır örgü ekran : Tinned copper braid screen
<b>Dış kılıf</b> Outer sheath	: Yağa dayanıklı PVC bileşik (HD 21.1 S4 / TM5) : Oil resistance PVC compound (HD 21.1 S4 / TM5)
<b>Kılıf Rengi</b> Sheath Color	: RAL 9005 Siyah : RAL 9005 black

### Uygulanan Testler / Applied Tests

<b>Yapısal boyut testleri</b> Structural dimension tests	: DIN VDE 472 Teil 401, 402
<b>Mekanik testler</b> Mechanical tests	: DIN VDE 472 Teil 303, 602, 603, 604, 608, 609, 610, 612 620, 804, 808
<b>Elektriksel testler</b> Electrical tests	: DIN VDE 472 Teil 502, 504, 509, 510
<b>Yangın performans testleri</b> Fire performance tests	: VDE 0482-332-1-2

Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
2x0.5	8,5	41.0	129.0
3G0.5	8.8	45.0	150.0
4G0.5	9.6	54.0	170.0
5G0.5	10.2	66.0	199.0
7G0.5	11.1	79.0	235.0
12G0.5	14.0	137.0	320.0
18G0.5	16,2	156.0	428.0

Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
25G0.5	19.1	250.0	503.0
2x0.75	8.8	46.0	143.0
3G0.75	9.3	57.0	155.0
4G0.75	9.9	63.0	190.0
5G0.75	10.8	76.0	228.0
7G0.75	11.5	100.0	323.0
12G0.75	14.8	175.0	410.0

# YSLYCYö-JZ 600

## 0,6/1 kV



Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
18G0.75	17.1	240.0	560.0
25G0.75	20.2	306.0	730.0
2x1	9.4	54.0	150.0
3G1	9.8	64.0	163.0
4G1	10.6	76.0	200.0
5G1	11.4	89.0	239.0
7G1	12.5	114.0	289.0
12G1	15.7	186.0	464.0
18G1	18.4	284.0	628.0
25G1	21.6	387.0	855.0
2x1.5	10.6	64.0	162.0
3G1.5	11.1	82.0	187.0
4G1.5	11.8	99.0	240.0
5G1.5	13.1	123.0	289.0
7G1.5	14.2	148.0	383.0
12G1.5	18.1	274.0	592.0
18G1.5	21.4	386.0	806.0
25G1.5	24.9	531.0	1241.0
2x2.5	12.1	110.0	272.0
3G2.5	12.7	148.0	298.0
4G2.5	13.8	169.0	345.0
5G2.5	15.1	220.0	427.0
7G2.5	16.6	284.0	561.0
12G2.5	21.3	470.0	857.0
18G2.5	25.4	572.0	1355.0
25G2.5	29.6	740.0	1995.0
2x4	13.8	124.0	306.0
3G4	14.4	178.0	391.0
4G4	15.7	234.0	527.0
5G4	17.3	284.0	700.0
7G4	19.0	321.0	920.0
12G4	24.4	851.0	1510.0
2x6	15.2	176.0	420.0
3G6	15.9	245.0	629.0

- \* 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 <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
4G6	17.3	316.0	731.0
5G6	19.2	442.0	1105.0
7G6	21.0	530.0	1465.0
2x10	18.6	260.0	845.0
3G10	19.7	367.0	1125.0
4G10	21.5	549.0	1345.0
5G10	23.7	604.0	1635.0
7G10	26.0	820.0	2210.0
2x16	22.4	491.0	1150.0
3G16	23.7	653.0	1395.0
4G16	26.1	807.0	1870.0
5G16	29.0	940.0	2720.0
7G16	31.8	1345.0	3213.0
3G25	28.7	920.0	2465.0
4G25	31.7	1169.0	2750.0
5G25	35.0	1420.0	3490.0
7G25	38.4	1921.0	4980.0
3G35	31.2	1250.0	3230.0
4G35	34.5	1680.0	4100.0
5G35	38.1	2020.0	4950.0
3G50	36.9	1887.0	4590.0
4G50	40.7	2370.0	5780.0
5G50	45.2	2880.0	7210.0
3G70	41.8	2516.0	5610.0
4G70	46.0	3257.0	7480.0
5G70	50.4	4032.0	9390.0
3G95	46.8	3086.0	8585.0
4G95	51.3	4060.0	10220.0
5G95	54.4	5244.0	13800.0
3G120	51.9	4176.0	11105.0
4G120	56.4	5231.0	13750.0
4G150	64.3	7760.0	15990.0
4G185	67.5	8104.0	18470.0

- \* Not recommended 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