

Teknik Veriler / Technical Data



Çalışma gerilimi
Operating voltage
400/750 V



Test gerilimi
Test voltage
2500 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 iletme
Flame retardant
IEC 60332-1-2

YSLCYö-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 used 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 / TI2) : PVC compound (HD 21.1 S4 / TI2)
Damar renkleri Core Identification	: Sarı/Yeşil ve numaralı damarlar : Green/Yellow and numbered cores
Büküm Lay-up	: Katlar halinde bükülür : In layers stranding
Ayırıcı Separator	: Polyester bant : Polyester tape
Ekran Screen	: Kalay bakır örgü ekran : Tinned copper braid screen
Dış kılıf Outer sheath	: Yağa dayanıklı PVC bileşik (HD 21.1 S4 / TM5) : Oil resistant PVC compound (HD 21.1 S4 / TM5)
Kılıf Rengi Sheath Color	: RAL 7001 Gri : 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 (mm ²) Core Numbers Conductor Section (mm ²)	Dış Çap yaklaşık (mm) O.D approx (mm)	Bakır Faktörü (kg/km) Copper Factor (kg/km)	Kablo Ağırlığı yaklaşık (kg/km) Cable Weight approx (kg/km)
2X0.5	5.7	35.0	45.0
3G0.5	5.9	42.0	55.0
4G0.5	6.4	47.0	61.0
5G0.5	6.9	56.0	74.0
6G0.5	7.6	67.0	89.0
7G0.5	7.6	69.0	98.0
8G0.5	8.7	80.0	117.0

Damar Sayısı x İletken Kesiti (mm ²) Core Numbers Conductor Section (mm ²)	Dış Çap yaklaşık (mm) O.D approx (mm)	Bakır Faktörü (kg/km) Copper Factor (kg/km)	Kablo Ağırlığı yaklaşık (kg/km) Cable Weight approx (kg/km)
10G0.5	9.6	94.0	135.0
12G0.5	9.7	108.0	157.0
14G0.5	10.2	116.0	190.0
16G0.5	11.0	129.0	210.0
18G0.5	11.5	145.0	217.0
20G0.5	12.2	172.0	240.0
21G0.5	12.7	188.0	250.0

YSLCYö-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)
24G0.5	13.5	235.0	300.0
25G0.5	13.6	240.0	314.0
30G0.5	14.4	295.0	360.0
32G0.5	14.9	301.0	425.0
34G0.5	15.6	312.0	433.0
36G0.5	15.6	318.0	446.0
40G0.5	16.9	343.0	475.0
41G0.5	16.9	348.0	486.0
2X0.75	6.1	40.0	59.0
3G0.75	6.3	52.0	66.0
4G0.75	6.8	60.0	77.0
5G0.75	7.4	71.0	93.0
6G0.75	8.2	80.0	113.0
7G0.75	8.2	91.0	130.0
8G0.75	9.6	110.0	145.0
10G0.75	10.3	137.0	180.0
12G0.75	10.5	142.0	202.0
14G0.75	11.3	180.0	225.0
16G0.75	11.9	200.0	275.0
18G0.75	12.7	212.0	292.0
19G0.75	127	230.0	308.0
20G0.75	13.3	238.0	320.0
21G0.75	14.0	246.0	378.0
24G0.75	14.9	270.0	435.0
25G0.75	15.0	281.0	415.0
27G0.75	150	304.0	435.0
30G0.75	15.8	320.0	450.0
32G0.75	16.7	342.0	484.0
34G0.75	17.2	345.0	502.0
36G0.75	17.2	350.0	535.0
37G0.75	17.2	361.0	592.0
40G0.75	18.6	369.0	610.0
41G0.75	18.6	400.0	622.0
2X1	6.4	50.0	65.0
3G1	6.7	60.0	80.0
4G1	7.2	71.0	98.0
5G1	8.0	88.0	127.0
6G1	8.7	97.0	144.0
7G1	8.7	111.0	158.0
8G1	10.1	127.0	197.0
10G1	11.2	150.0	232.0
12G1	11.4	184.0	260.0
14G1	12.0	196.0	302.0
16G1	12.8	209.0	346.0
18G1	13.5	260.0	380.0
19G1	13.5	280.0	412.0
20G1	14.3	317.0	440.0
24G1	16.0	320.0	493.0
25G1	16.2	349.0	534.0
27G1	16.2	400.0	562.0
28G1	17.0	480.0	595.0

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)
30G1	17.0	441.0	616.0
34G1	18.5	486.0	741.0
37G1	18.5	519.0	790.0
40G1	19.9	510.0	835.0
41G1	19.4	531.0	843.0
2X1.5	7.0	63.0	88.0
3G1.5	7.5	80.0	100.0
4G1.5	8.1	97.0	126.0
5G1.5	11.4	170.0	160.0
7G1.5	12.6	193.0	208.0
8G1.5	12.8	267.0	244.0
10G1.5	12.6	193.0	315.0
12G1.5	12.8	267.0	338.0
14G1.5	13.5	283.0	383.0
16G1.5	14.4	315.0	424.0
18G1.5	15.4	374.0	479.0
19G1.5	15.4	396.0	508.0
20G1.5	61.1	396.0	545.0
21G1.5	17.0	425.0	560.0
24G1.5	18.2	458.0	690.0
25G1.5	18.4	526.0	705.0
27G1.5	18.4	531.0	774.0
28G1.5	19.1	541.0	810.0
30G1.5	19.1	555.0	830.0
35G1.5	20.8	645.0	890.0
37G1.5	20.8	674.0	945.0
40G1.5	22.6	725.0	1060.0
41G1.5	22.6	801.0	1071.0
2X2.5	9.0	144.0	130.0
3G2.5	9.8	148.0	167.0
4G2.5	9.8	174.0	195.0
5G2.5	10.9	181.0	223.0
7G2.5	11.9	255.0	344.0
10G2.5	15.5	340	460.0
12G2.5	15.8	441.0	570.0
18G2.5	18.9	570.0	681.0
2X4	9.8	120.0	185.0
3G4	10.6	174.0	240.0
4G4	11.5	230.0	310.0
5G4	12.7	273.0	385.0
7G4	14.0	316.0	500.0
2X6	11.7	173.0	268.0
3G6	12.5	240.0	330.0
4G6	13.8	305.0	415.0
5G6	15.3	439.0	509.0
7G6	16.9	505.0	672.0
2X10	14.7	255.0	425.0
3G10	15.7	350.0	500.0
4G10	17.3	535.0	783.0
5G10	19.2	592	856.0
7G10	21.4	810.0	1305.0