

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. 7,5 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

YSLY-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 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	: Özel PVC bileşik (HD 21.1 S4 / TI2) : Special 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
Dış kılıf Outer sheath	: PVC bileşik (HD 21.1 S4 / TM2) : PVC compound (HD 21.1 S4 / TM2)
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, 808
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)	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)
2x0.5	5.7	9.6	48.0
3G0.5	6.0	14.5	65.0
4G0.5	6.8	20.0	81.0
5G0.5	7.4	24.0	98.0
7G0.5	8.3	34.0	123.0
8G0.5	9.1	38.0	155.0
10G0.5	10.0	48.0	180.0
12G0.5	11.8	58.0	208.0
14G0.5	11.7	67.0	248.0
16G0.5	12.5	76.0	260.0
18G0.5	13.2	87.0	285.0
21G0.5	13.8	96.0	375.0
25G0.5	15.5	118.0	400.0
30G0.5	16.6	144.0	475.0

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)
40G0.5	18.7	192.0	590.0
50G0.5	21.5	240.0	710.0
61G0.5	23	293.0	880.0
2x0.75	6.2	15.0	60.0
3G0.75	6.5	22.0	78.0
4G0.75	7.3	29.0	104.0
5G0.75	8.0	36.0	116.0
7G0.75	8.9	51.0	148.0
8G0.75	9.6	58.0	160.0
10G0.75	10.7	72.0	195.0
12G0.75	11.6	87.0	248.0
15G0.75	13.2	108.0	295.0
18G0.75	14.1	130.0	346.0
21G0.75	14.8	151.0	395.0

YSLY-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)
25G0.75	16.6	180.0	505.0
34G0.75	19.3	245.0	684.0
41G0.75	20.9	296.0	780.0
50G0.75	22.9	360.0	940.0
61G0.75	24.5	440.0	1125.0
2x1	6.6	20.0	80.0
3G1	7.0	29.0	92.0
3x1	7.0	29.0	92.0
4G1	7.8	39.0	122.0
4x1	7.8	39.0	122.0
5G1	8.6	48.0	137.0
7G1	9.5	68.0	186.0
7x1	9.5	68.0	186.0
8G1	10.3	77.0	240.0
12G1	12.7	116.0	293.0
14G1	13.4	134.0	340.0
16G1	14.4	154.0	400.0
18G1	15.1	173.0	437.0
21G1	16.1	205.0	505.0
25G1	18.0	240.0	606.0
34G1	20.9	326.0	770.0
41G1	22.5	394.0	880.0
50G1	24.8	480.0	1400.0
61G1	26.5	586.0	1450.0
2x1.5	7.2	29.0	90.0
3G1.5	7.8	43.0	120.0
3x1.5	7.8	43.0	120.0
4G1.5	8.5	58.0	150.0
4x1.5	8.5	58.0	155.0
5G1.5	9.6	72.0	177.0
7G1.5	10.4	101.0	220.0
8G1.5	11.4	115.0	248.0

- * 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)
9G1.5	12.5	130.0	278.0
12G1.5	14.1	173.0	364.0
14G1.5	14.9	202.0	390.0
16G1.5	16.0	230.0	490.0
18G1.5	17.0	259.0	550.0
21G1.5	18.0	302.0	670.0
25G1.5	20.2	360.0	745.0
32G1.5	22.6	461.0	810.0
34G1.5	23.4	490.0	1010.0
42G1.5	25.5	605.0	1115.0
50G1.5	27.9	720.0	1430.0
61G1.5	30.0	878.0	1750.0
2x2.5	8.6	48.0	110.0
3G2.5	9.3	72.0	190.0
4G2.5	10.2	96.0	240.0
5G2.5	11.4	120.0	270.0
7G2.5	12.6	168.0	350.0
12G2.5	16.9	288.0	600.0
14G2.5	18.2	336.0	870.0
18G2.5	20.4	432.0	1050.0
25G2.5	24.4	600.0	1170.0
3x4	12.8	116.0	255.0
5x4	14.2	192.0	400.0
7x4	17.9	269.0	491.0
3x6	14.1	173.0	410.0
5x6	18.5	288.0	640.0
7x6	19.8	403.0	860.0
3x10	17.5	288.0	825.0
5x10	20.8	480.0	1008.0
7x10	23.9	672.0	740.0
3x16	20.1	461.0	1100.0
5x16	24.7	768.0	1413.0

- * 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.