

Teknik Veriler / Technical Data



Çalışma gerilimi
Operating voltage
300/500 V



Test gerilimi
Test voltage
2000 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. 10 x Ø



Alev iletmeme
Flame retardant
IEC 60332-1-2

YSLYCYö-JZ 500 300/500V



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 medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, used 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

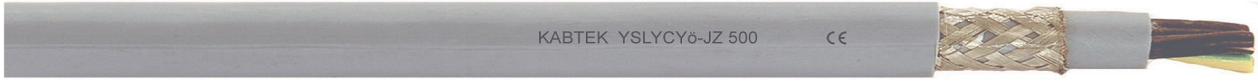
İletken Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 5) : Annealed stranded copper wire (HD 383 S2 Class 5)
İzolasyon Insulation	: PVC bileşik (HD 21.1 S4 / T11) : PVC compound (HD 21.1 S4 / T11)
Damar renkleri Core Identification	: Sarı/yeşil ve numaralı damarlar : Green/yellow and numbered cores
Büküm Lay-up	: Katlar halinde bükülür : In layers stranding
İç Kılıf In Sheath	: PVC bileşik : PVC compound
Ekran Screen	: Kalay bakır örgü ekran : Tinned copper braid screen
Dış kılıf Outer sheath	: Yağa dayanıklı PVC bileşik (HD 21.1 S4 / TM5) : Oil resistance 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, 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)
2 x 0,5	7,0	41,0	75,0
3 G 0,5	7,3	46,0	83,0
4 G 0,5	7,9	55,0	99,0
5 G 0,5	8,4	66,0	112,0
7 G 0,5	8,9	80,0	132,0
2 x 0,75	7,4	46,0	86,0

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)
3 G 0,75	7,9	57,0	100,0
4 G 0,75	8,4	64,0	115,0
5 G 0,75	8,9	77,0	130,0
7 G 0,75	9,7	102,0	161,0
2 x 1,0	7,9	56,0	98,0
3 G 1,0	8,2	65,0	111,0



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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)
4 G 1,0	8,7	78,0	130,0
5 G 1,0	9,5	89,0	153,0
7 G 1,0	10,2	113,0	185,0
2 x 1,5	9,9	65,0	132,0
3 G 1,5	10,3	79,0	170,0
4 G 1,5	11,3	97,0	204,0
5 G 1,5	12,6	116,0	246,0
7 G 1,5	13,9	149,0	320,0
3 G 2,5	11,8	146,0	211,0
4 G 2,5	13,5	167,0	310,0
5 G 2,5	14,6	200,0	326,0
7 G 2,5	15,9	288,0	444,0
4 G 4	15,1	237,0	403,0
5 G 4	16,5	328,0	478,0
4 G 6	16,6	318,0	521,0
5 G 6	18,2	441,0	624,0
3 G 10	18,9	414,0	690,0
4 G 10	21,1	558,0	843,0

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)
5 G 10	23,1	714,0	1.004,0
3 G 16	21,7	607,0	910,0
4 G 16	23,9	804,0	1.164,0
5 G 16	26,8	1.050,0	1.812,0
3 G 25	26,6	936,0	1.330,0
4 G 25	29,4	1.289,0	1.903,0
5 G 25	32,6	1.446,0	2.374,0
3 G 35	29,4	1.258,0	1.370,0
4 G 35	32,4	1.693,0	2.489,0
5 G 35	36,0	1.975,0	2.771,0
3 G 50	35,1	1.748,0	2.590,0
4 G 50	38,8	2.342,0	3.362,0
4 G 70	43,7	3.035,0	3.719,0
4 G 95	50,4	4.055,0	5.849,0
4 G 120	56,8	5.225,0	7.509,0
4 G 150	62,2	6.300,0	7.800,0
4 G 185	67,8	7.753,0	9.866,0

- * 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

- * 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.