

Teknik Veriler / Technical Data



Çalışma gerilimi
Operating voltage
≤ 0,14 mm²: 300 V
> 0,14 mm²: 300/500 V



İzolasyon direnci
Insulation resistance
Min 200 Mohm x Km



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



Bükme yarıçapı
Bending radius
Min. 7,5 x Ø



Test gerilimi
Test voltage
≤ 0,14 mm²: 1200 V
> 0,14 mm²: 1500 V



Kapasite (800 Hz)
Capacitance (800 Hz)
Max. 120 pF/m



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



Referans standart
Reference standard
VDE 0812 & VDE 0814

LIYC2Y

300/500V



Kullanım Alanları

Bu kablolar mekanik zorlamaların bulunmadığı nemli, ıslak ve kuru harici ortamlarda, bilgisayarlarda, makine imalatı ve makine sektöründe, kontrol sistemlerinde data ve sinyal kablosu olarak kullanılırlar.

Applications

These cables are for flexible use with free movement without tensile stress or forced movements in dry, moist and wet outdoor, as data cables in control technologies, in the machine manufacturing and machine industries, in computers and as signal cable for the electronics branch.

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 (VDE 0207 - 4 / Y11) : PVC compound (VDE 0207 - 4 / Y11)
Damar renkleri Core Identification	: DIN 47100 : DIN 47100
Büküm Lay-up	: Katlar halinde bükülür : In layers stranding
Ayrıcı Separator	: Polyester bant : Polyester tape
Ekran Screen	: Kalaylı bakır örgü ekran : Tinned copper braid screen
Dış Kılıf Outer sheath	: PE bileşik (VDE 0207 - 3- 2YM1) : PE compound (VDE 0207 - 3- 2YM1)
Renk Color	: RAL 9005 Siyah : RAL 9005 Black

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)
2x0,25	4,5	16,0	32,0
3x0,25	4,7	21,0	37,0
4x0,25	5,0	24,0	41,3
5x0,25	5,6	29,0	51,2
6x0,25	6,0	30,0	58,0
7x0,25	6,0	37,0	65,0
8x0,25	7,1	42,0	73,0
10x0,25	7,5	46,0	82,0
12x0,25	7,7	53,0	145,0

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)
14x0,25	8,0	59,0	99,0
16x0,25	8,4	64,0	124,0
18x0,25	8,8	83,0	143,0
20x0,25	9,3	88,0	152,3
2x0,34	4,9	21,0	37,0
3x0,34	5,1	27,0	49,0
4x0,34	5,7	28,0	59,0
5x0,34	6,2	30,0	66,0
6x0,34	6,8	45,0	79,0



LIYC2Y

300/500V



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)
8x0,34	7,8	52,0	94,0
10x0,34	8,3	74,0	129,2
12x0,34	8,5	80,0	142,0
14x0,34	8,9	86,0	154,0
2x0,5	5,6	29,0	54,0
3x0,5	5,9	38,0	67,0
4x0,5	6,3	43,0	77,0
5x0,5	7,0	51,0	90,0
6x0,5	7,6	59,0	104,0
7x0,5	7,6	65,0	112,0
8x0,5	8,7	70,0	135,0
10x0,5	9,3	88,0	160,0
12x0,5	9,6	99,0	177,0
18x0,5	11,8	134,0	239,0
2x0,75	6,0	38,0	64,0
3x0,75	6,3	49,0	76,0
4x0,75	7,0	58,0	92,0
5x0,75	7,6	67,0	109,0
7x0,75	8,2	100,0	156,0

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)
10x0,75	10,5	130,0	187,0
12x0,75	10,8	154,0	218,0
18x0,75	13,0	195,0	327,0
2x1	6,3	43,0	72,0
3x1	6,8	56,0	90,0
4x1	7,3	68,0	109,0
5x1	8,0	79,0	126,0
7x1	8,6	118,0	171,0
10x1	11,1	140,0	228,0
12x1	11,4	168,0	259,0
2x1,5	7,5	58,0	90,0
3x1,5	7,9	74,0	115,0
4x1,5	8,5	108,0	153,0
5x1,5	9,3	129,0	176,0
7x1,5	10,5	164,0	220,0
12x1,5	13,7	254,0	376,0
18x1,5	16,3	350,0	519,0
25x1,5	19,9	550,0	901,0

* Yüksek akım enerji beslemesi için uygun değildir.

* Standart ambalajlama

Kangal < 30 kg ve 250 mt < Makara

* Not suitable for high current power supply

* Standard packaging

Coil < 30 kg and 250 mt < Drum