

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



Alev iletmeme
Flame retardant
IEC 60332-1-2



Referans standart
Reference standard
VDE 0812 & VDE 0814

LIYY

300/500V



Kullanım Alanları

Bu kablolar mekanik zorlamaların bulunmadığı nemli, ıslak ve kuru dahili 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 rooms, 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

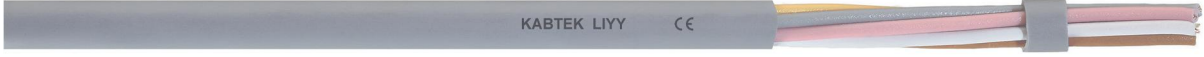
İletken Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 5) : Annealed stranded copper wire (HD 383 S2 Class 5)
İzolasyon Insulation	: PVC bileşik (VDE 0207 - 4 / Y11) : PVC compound (VDE 0207 - 4 / Y11)
Damar renkleri Core Identification	: DIN 47100 : DIN 47100
Büküm Lay-up	: Katlar halinde bükülür : In layers stranding
Dış kılıf Outer sheath	: PVC bileşik (VDE 0207 - 5 / YM1) : PVC compound (VDE 0207 - 5 / YM1)
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) 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)
2x0.14	3.0	3.0	12
3x0.14	3.2	4.0	15
4x0.14	3.5	6.0	18
5x0.14	4.0	7.0	23
7x0.14	4.2	10.0	29
9x0.14	5.0	12.0	37
10x0.14	5.4	13.0	41
14x0.14	6.0	19.0	50
20x0.14	7.1	26.0	71
25x0.14	7.9	33.0	82
2x0.22	3.4	5.0	15
3x0.22	3.6	7.0	19

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)
4x0.22	3.9	9.0	24
5x0.22	4.5	11.0	28
6x0.22	4.7	13.0	34
7x0.22	4.7	15.0	37
9x0.22	5.7	19.0	46
10x0.22	6.2	21.0	53
16x0.22	7.2	34.0	76
20x0.22	7.9	42.0	94
25x0.22	9.0	53.0	117
2x0.25	3.5	5.0	16
3x0.25	3.7	7.0	21
4x0.25	4.1	10.0	26



LIYY

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)
5x0.25	4,7	12,0	32
6x0.25	5,0	14,0	37
7x0.25	5,5	16,0	42
9x0.25	6,0	21,0	52
10x0.25	6,4	23,0	58
16x0.25	7,5	37,0	86
20x0.25	8,5	47,0	105
25x0.25	9,5	58,0	126
2x0.34	4,0	7,0	20
3x0.34	4,1	10,0	27
4x0.34	4,5	13,0	34
5x0.34	5,5	16,0	40
6x0.34	5,7	19,0	48
7x0.34	5,7	21,0	53
8x0.34	6,3	26,0	61
9x0.34	6,9	29,0	69
10x0.34	7,4	32,0	76
16x0.34	8,5	52,0	110
20x0.34	9,5	65,0	138
25x0.34	10,7	81,0	174
2x0.50	4,5	9,0	26
3x0.50	4,8	13,0	33
4x0.50	5,4	17,0	41
5x0.50	6,0	18,0	50
6x0.50	6,5	26,0	60
7x0.50	6,5	30,0	67
8x0.50	7,4	34,0	77
9x0.50	7,7	38,0	85
10x0.50	8,3	43,0	93
12x0.50	8,7	52,0	110
16x0.50	9,7	69,0	150
20x0.50	11,0	86,0	176
25x0.50	12,0	109,0	223
2x0.75	45,0	13,0	31
3x0.75	5,6	19,0	42
4x0.75	6,0	26,0	54
5x0.75	7,0	32,0	64
6x0.75	7,3	38,0	78
7x0.75	7,3	45,0	87
8x0.75	8,2	51,0	99
9x0.75	8,8	57,0	116

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	9,4	64,0	129
12x0.75	9,7	77,0	150
14x0.75	10,4	90,0	175
16x0.75	11,1	103,0	195
18x0.75	11,5	116,0	215
20x0.75	12,5	129,0	237
25x0.75	14,0	162,0	305
2x1.00	5,6	17,0	39
3x1.00	5,9	25,0	52
4x1.00	6,5	34,0	67
5x1.00	6,7	42,0	81
6x1.00	7,8	51,0	97
7x1.00	7,9	59,0	108
8x1.00	9,0	67,0	124
9x1.00	9,5	76,0	143
10x1.00	10,2	85,0	162
12x1.00	10,5	103,0	188
14x1.00	11,3	120,0	219
16x1.00	12,0	137,0	245
18x1.00	12,7	154,0	274
20x1.00	13,5	172,0	308
25x1.00	15,0	215,0	375
2x1.50	6,5	25,0	55
3x1.50	7,0	38,0	76
4x1.50	7,7	51,0	95
5x1.50	8,7	64,0	119
6x1.50	9,3	76,0	139
7x1.50	9,4	89,0	158
8x1.50	10,4	101,0	178
9x1.50	11,3	114,0	204
10x1.50	12,2	127,0	233
12x1.50	12,8	153,0	277
14x1.50	13,6	179,0	316
16x1.50	14,3	206,0	360
20x1.50	16,0	258,0	451
25x1.50	18,0	322,0	560
2x2.50	7,8	42,0	83
3x2.50	8,3	62,0	114
4x2.50	9,1	84,0	150
5x2.50	10,7	105,0	186

* 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