



Teknik Veriler / Technical Data

 Çalışma gerilimi Operating voltage 0,6 / 1 kV	 Çalışma sıcaklığı Operating temperature -30 ...+70°C	 Kısa devre sıcaklığı Max. Short-circuit temperature Max. 160°C
 Test gerilimi Test voltage 4000 V	 Referans standart Reference standard IEC 60502-1	 İzolasyon direnci Insulation resistance 20 Mohmxkm
 Bükme yarıçap Bending radius Min. 15 x Ø	 Alev iletmeme Flame-retardant (PVC and HFFR type) IEC 60332-1-2	

NYV / YVV

Kullanım Alanları

Bu kablolar mekanik darbelerin bulunmadığı bina içinde, yer altında, güç merkezlerinde ve endüstriyel tesislerde güç ve kontrol kablosu olarak kullanılır.

0.6 / 1 kV



Applications

These cables are not mechanical effects in the building, underground, power centers and industrial facilities as power and control cables are used.

Kablo Yapısı / Cable Structure		Uygulanan Testler / Applied Tests	
İletken Conductor	: Tavlı mono bakır tel (HD 383 S2 Class 1 & Class 2) : Annealed solid copper wire (HD 383 S2 Class 1 & Class 2)	Yapısal boyut testleri Structural dimension tests	: TS IEC 60502-1
İzolasyon Insulation	: PVC bileşik (IEC 60502-1 / PVC/A type) : PVC compound (IEC 60502-1 / PVC/A type)	Mekanik testler Mechanical tests	: IEC 60811-1
Damar renkleri Core identification:	: HD 308 S2 : HD 308 S2	Elektriksel testler Electrical tests	: HD 21.2
Büküm Lay-up	: Katlar halinde bükülür : In layers stranding	Yangın performans testleri Fire performance tests	: IEC 60332-1-2
İç kılıf Inner sheath	: PVC bileşik : PVC compound		
Dış kılıf Outer sheath	: PVC bileşik (IEC 60502-1 / ST2) : PVC compound (IEC 60502-1 / ST2)		

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)
1X4 re	9,0	38,0	115,0
1X6 re	9,5	58,0	135,0
1X10 rm	10,0	96,0	179,0
1X16 rm	11,0	154,0	245,0
1X25 rm	12,0	240,0	360,0
1X35 rm	13,0	336,0	470,0
1X50 rm	15,0	480,0	620,0
1X70 rm	16,5	672,0	810,0

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)
1X95 rm	19,0	912,0	1.110,0
1X120 rm	20,5	1.152,0	1.360,0
1X150 rm	22,5	1.440,0	1.670,0
1X185 rm	25,0	1.776,0	2.050,0
1X240 rm	28,0	2.304,0	2.630,0
1X300 rm	30,0	2.880,0	3.200,0
1X400 rm	34,0	3.840,0	4.150,0
2X1,5 re	11,0	29,0	175,0

NYY / YVV

0.6 / 1 kV



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)
2X2.5 re	12,0	48,0	215,0
2Xx4 re	14,0	77,0	295,0
2X6 re	15,0	115,0	370,0
2X10 rm	16,5	192,0	495,0
2X16 rm	18,5	307,0	670,0
2X25 rm	23,5	480,0	960,0
3X1.5 re	11,5	43,0	195,0
3X2.5 re	12,5	72,0	250,0
3X4 re	14,0	115,0	340,0
3X6 re	15,0	173,0	430,0
3X10 rm	17,0	288,0	590,0
3X16 rm	19,0	461,0	820,0
3X25 rm	24,0	720,0	1.320,0
3X35 rm	25,0	1.008,0	1.450,0
3X50 rm	26,5	1.440,0	1.850,0
3X70 rm	30,0	2.016,0	2.450,0
3X95 rm	34,5	2.736,0	3.300,0
3X120 rm	37,0	3.456,0	4.100,0
3X25 / 16 rm	24,5	874,0	1.530,0
3X35 / 16 rm	26,0	1.162,0	1.750,0
3X50 / 25 rm	29,0	1.680,0	2.350,0
3X70 / 35 rm	32,0	2.352,0	2.850,0
3X95 / 50 rm	38,0	3.216,0	3.850,0
3X120 / 70 rm	41,0	4.128,0	4.780,0
3X150 / 70 rm	46,0	4.992,0	5.800,0
3G185 / 95 rm	51,0	6.240,0	7.600,0
3X240 / 120 rm	58,0	8.064,0	9.800,0
4X1.5 re	12,0	58,0	230,0
4X2.5 re	13,5	96,0	300,0
4X4 re	15,0	154,0	410,0
4X6 re	16,5	230,0	520,0
4X10 re	18,5	384,0	730,0
4X16 re	21,5	614,0	1.045,0
4X25 rm	26,0	960,0	1.640,0
4X35 rm	27,5	1.344,0	1.760,0
4X50 rm	30,0	1.920,0	2.350,0
4X70 rm	34,0	2.688,0	3.100,0
4X95 sm	39,0	3.648,0	4.250,0

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)
4X120 rm	42,5	4.608,0	5.300,0
4X150 rm	47,5	5.760,0	6.400,0
4X185 rm	52,0	7.104,0	8.500,0
4X240 rm	58,0	9.216,0	11.000,0
5X1.5 re	13,0	72,0	270,0
5X2.5 re	14,5	120,0	360,0
5X4 re	16,5	192,0	490,0
5X6 re	18,0	288,0	600,0
5X10 rm	20,0	480,0	890,0
5X16 rm	22,5	768,0	1.255,0
5X25 rm	28,0	1.200,0	1.960,0
7X1.5 re	15,5	101,0	310,0
10X1.5 re	18,0	144,0	380,0
12X1.5 re	19,0	173,0	420,0
14X1.5 re	20,0	202,0	470,0
16X1.5 re	21,0	230,0	520,0
19X1.5 re	22,0	274,0	570,0
21X1.5 re	23,0	302,0	650,0
24X1.5 re	25,0	346,0	750,0
30X1.5 re	26,0	432,0	860,0
40X1.5 re	29,0	576,0	1.070,0
7X2.5 re	16,5	168,0	450,0
10X2.5 re	19,5	240,0	520,0
12X2.5 re	20,5	288,0	600,0
14X2.5 re	21,0	336,0	680,0
16x2.5 re	22,0	384,0	750,0
19X2.5 re	23,0	456,0	850,0
21X2.5 re	24,5	504,0	980,0
24X2.5 re	27,0	576,0	1.100,0
30X2.5 re	28,0	720,0	1.280,0
40X2.5 re	31,5	960,0	1.700,0
7X4 re	18,5	269,0	640,0
7X6 re	20,0	403,0	850,0
7X10 re	23,5	672,0	1.200,0
52X2.5 re	35,0	1.248,0	2.150,0
61X1.5 re	34,0	878,0	1.680,0
3X300 / 150 rm	64,0	10.080,0	11.500,0
5X50 rm	40,0	2.400,0	3.500,0

* G = Sarı/yeşil toprak damarlı, X = Toprak damarsız

* Standart ambalajlama

Kangal < 30 kg ve 250 mt < Makara

* Akım taşıma kapasiteleri için teknik eklere bakınız

* 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 capacity