







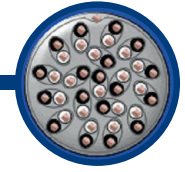


## Teknik Veriler / Technical Data

 <b>Çalışma gerilimi</b> Operating voltage 300 V	 <b>Çalışma sıcaklığı</b> Operating temperature -20 ... +70°C ( RE-2Y..) -20 ... +90°C ( RE-2X..)	 <b>Bükme yarıçap</b> Bending radius Min. 10 x Ø	 <b>Alev iletmeme</b> Flame retardant EN 50288-1
 <b>Test gerilimi</b> Test voltage 1000 V	 <b>Halojeniz</b> Halogen-free IEC 60754-1-2	 <b>Kısa devre sıcaklığı Max.</b> Short-circuit temperature Max. 160°C	 <b>Kapasite (800 Hz)</b> Capacitance (800Hz) Max. 150 pf/m
 <b>Referans standart</b> Reference standard EN 50288 - 7 VDE 0815	 <b>İzolasyon direnci</b> Insulation resistance Min 5000 Mohm xKm	 <b>Düşük duman yoğunluğu</b> Low smoke density IEC 61034-1	 <b>(L/R) ratio</b> (L/R) ratio < 25 uH/Ohm 1 mm2 'ye kadar <40uH/Ohm 1,5 mm2 'ye kadar <60 uH/Ohm 2,5 mm2 'ye kadar

# RE-2Y(St)H & RE-2X(St)H

300V



## Kullanım Alanları

Enstrumantasyon kabloları, veri işleme ve kontrol süreçlerinde kullanılırlar. Düşük seviye hat zayıflamaları ve düşük kapasite değerleri ile bu kablolar yeraltı, açık yada nemli ortamlı sabit tesisatlara uygundur.

## Applications

Instrumentation cables are used in data processing and process control. Low level of line attenuations and low mutual capacitances these cables are suitable for fixed installations in damp locations, in open spaces and for underground laying

## Kablo Yapısı / Cable Structure

<b>İletken</b> Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 2) : Stranded copper wire (HD 383 S2 Class 2)
<b>İzolasyon</b> Insulation	: PE compound (EN 50290-2-23 / L/MD) XLPE compound (EN 50290-2-29) : PE compound (EN 50290-2-23 / L/MD) XLPE compound (EN 50290-2-29)
<b>Damar renkleri</b> Core identification:	: Siyah ve beyaz numaralı : Black and White numbered
<b>Büküm</b> Lay-up	: Çiftli bükülü katlar halinde büküm : Double stranded in layers
<b>Ayırıcı</b> Separator	: Polyester bant : Polyester tape
<b>Ekran</b> Screen	: Toprak teli ve Al- Pes folyo : Drain wire and foil Al-PES
<b>Dış kılıf</b> Outer sheath	: HFFR bileşik (EN 50290-2-27) : HFFR compound (EN 50290-2-27)
<b>Renk</b> Color	: Siyah veya Mavi : Black or Blue

## Uygulanan Testler / Applied Tests

<b>Yapısal boyut testleri</b> Structural dimension tests	: HD 21,2, EN 50288
<b>Mekanik testler</b> Mechanical tests	: EN 50289-3-2, EN 50289-3-4, EN 50289-3-5, EN 60811-1-1, EN 60811-1-2, EN 60811-1-3, EN 60811-3-1, EN 60811-3-2 EN 60811-1-4, EN 60811-4-2
<b>Elektriksel testler</b> Electrical tests	: HD 21.2
<b>Yangın performans testleri</b> Fire performance tests	: EN 50265-2-1, EN 50288-1, IEC 61031-1, IEC 60754-1-2

Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
2x2x0,50	7,9	24,0	65,0
4x2x0,50	9,4	43,0	100,0
5x2x0,50	9,9	53,0	115,0
6x2x0,50	10,6	62,0	130,0
8x2x0,50	12,0	82,0	170,0
10x2x0,50	13,1	101,0	200,0

Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
12x2x0,50	14,3	120,0	235,0
16x2x0,50	16,1	158,0	295,0
20x2x0,50	17,9	197,0	370,0
24x2x0,50	19,3	235,0	430,0
1x2x0,75	6,0	19,0	45,0
2x2x0,75	8,8	34,0	80,0



# RE-2Y(St)H & RE-2X(St)H

## 300V



Damar Sayısı x İletken Kesiti (mm²)	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm²)	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
4x2x0,75	10,2	62,0	125,0
5x2x0,75	10,9	77,0	150,0
6x2x0,75	11,7	91,0	170,0
8x2x0,75	13,1	120,0	215,0
10x2x0,75	14,6	149,0	265,0
12x2x0,75	15,7	178,0	310,0
16x2x0,75	17,9	235,0	400,0
20x2x0,75	19,9	293,0	495,0
24x2x0,75	21,4	350,0	580,0
1x2x1	6,4	24,0	55,0
2x2x1	9,5	43,0	95,0
4x2x1	11,1	82,0	150,0
5x2x1	11,8	101,0	180,0
6x2x1	12,7	120,0	210,0
8x2x1	14,4	158,0	270,0
10x2x1	15,8	197,0	325,0
12x2x1	17,3	235,0	385,0
16x2x1	19,7	312,0	505,0
20x2x1	21,6	389,0	615,0
24x2x1	23,6	466,0	730,0
1x2x1,3	7,0	30,0	65,0
2x2x1,3	10,5	55,0	115,0
4x2x1,3	12,5	105,0	190,0
5x2x1,3	13,1	130,0	225,0
6x2x1,3	14,3	155,0	265,0
8x2x1,3	16,1	204,0	340,0
10x2x1,3	17,9	254,0	415,0
12x2x1,3	19,5	304,0	495,0
16x2x1,3	22,2	404,0	645,0
20x2x1,3	24,4	504,0	785,0
24x2x1,3	26,6	604,0	935,0
1x2x1,5	7,2	34,0	70,0
2x2x1,5	10,8	62,0	125,0
4x2x1,5	12,9	120,0	210,0
5x2x1,5	13,6	149,0	245,0
6x2x1,5	14,8	178,0	295,0
8x2x1,5	16,9	235,0	380,0
10x2x1,5	18,5	293,0	460,0
12x2x1,5	20,2	350,0	550,0
16x2x1,5	23,0	466,0	715,0
20x2x1,5	25,5	581,0	885,0
24x2x1,5	27,8	696,0	1.055,0
1x3x0,50	5,8	19,0	45,0
2x3x0,50	9,0	34,0	85,0
4x3x0,50	10,3	62,0	130,0
5x3x0,50	11,2	77,0	155,0
6x3x0,50	12,0	91,0	180,0
8x3x0,50	13,7	120,0	235,0
10x3x0,50	14,9	149,0	280,0

\* Yüksek akım enerji beslemesi için uygun değildir.

\* Standart ambalajlama

Kangal < 30 kg ve 250 mt < Makara

Damar Sayısı x İletken Kesiti (mm²)	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm²)	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
12x3x0,50	16,3	178,0	335,0
16x3x0,50	18,4	235,0	425,0
20x3x0,50	20,4	293,0	520,0
24x3x0,50	22,2	350,0	620,0
1x3x0,75	6,2	26,0	55,0
2x3x0,75	9,8	48,0	105,0
4x3x0,75	11,4	91,0	170,0
5x3x0,75	12,2	113,0	200,0
6x3x0,75	13,1	134,0	235,0
8x3x0,75	14,9	177,0	305,0
10x3x0,75	16,6	221,0	375,0
12x3x0,75	17,9	264,0	435,0
16x3x0,75	20,4	350,0	570,0
20x3x0,75	22,6	437,0	705,0
24x3x0,75	24,6	523,0	840,0
1x3x1	6,7	34,0	65,0
2x3x1	10,5	62,0	125,0
4x3x1	12,3	120,0	210,0
5x3x1	13,2	149,0	250,0
6x3x1	14,4	178,0	295,0
8x3x1	16,4	235,0	385,0
10x3x1	18,0	293,0	465,0
12x3x1	19,6	350,0	555,0
16x3x1	22,4	466,0	725,0
20x3x1	24,8	581,0	890,0
24x3x1	27,1	696,0	1.060,0
1x3x1,3	7,3	42,0	85,0
2x3x1,3	11,9	80,0	155,0
4x3x1,3	13,9	155,0	265,0
5x3x1,3	14,9	192,0	315,0
6x3x1,3	16,3	230,0	375,0
8x3x1,3	18,3	304,0	480,0
10x3x1,3	20,4	379,0	595,0
12x3x1,3	22,2	454,0	710,0
16x3x1,3	25,3	604,0	925,0
20x3x1,3	28,1	754,0	1.140,0
24x3x1,3	30,6	903,0	1.360,0
1x3x1,5	7,5	48,0	90,0
2x3x1,5	12,3	91,0	170,0
4x3x1,5	14,4	177,0	290,0
5x3x1,5	15,4	220,0	350,0
6x3x1,5	16,8	264,0	415,0
8x3x1,5	19,2	350,0	545,0
10x3x1,5	21,1	436,0	660,0
12x3x1,5	23,0	523,0	785,0
16x3x1,5	26,2	696,0	1.030,0
20x3x1,5	29,1	868,0	1.270,0
24x3x1,5	31,7	1.041,0	1.515,0

\* Not suitable for high current power supply

\* Standard packaging

Coil < 30 kg and 250 mt < Drum