



## Teknik Veriler / Technical Data



**Çalışma gerilimi**  
Operating voltage  
300-500 V



**Çalışma sıcaklığı**  
Operating temperature  
-20 ...+70°C ( RE-2Y..)  
-20 ...+90°C ( RE-2X..)



**Bükme yarıçap**  
Bending radius  
Min. 10 x Ø



**Alev iletmeme**  
Flame retardant  
EN 50288-1



**Test gerilimi**  
Test voltage  
2000 V



**Halojensiz**  
Halogen-free  
IEC 60754-1-2



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



**Kapasite (800 Hz)**  
Capacitance (800 Hz)  
Max. 150 pf/m



**Referans standart**  
Reference standard  
EN 50288 - 7 VDE 0815



**İzolasyon direnci**  
Insulation resistance  
Min 5000 Mohm xKm



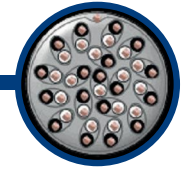
**Düşük duman yoğunluğu**  
Low smoke density  
IEC 61034-1



**(L/R) ratio**  
(L/R) ratio  
< 25 l uH/Ohm 1 mm2 'ye kadar  
< 40 l uH/Ohm 1,5 mm2 'ye kadar  
< 60 l uH/Ohm 2,5 mm2 'ye kadar

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

500 V



## 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		Uygulanan Testler / Applied Tests	
<b>İletken</b> Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 2) : Stranded copper wire (HD 383 S2 Class 2)	<b>Yapısal boyut testleri</b> Structural dimension tests	: HD 21.2, EN 50288
<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>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>Damar renkleri</b> Core identification:	: Siyah ve beyaz numaralı : Black and White numbered	<b>Elektriksel testler</b> Electrical tests	: HD 21.2 : HD 21.2
<b>Büküm</b> Lay-up	: İkili büküm : Double stranded	<b>Yangın performans testleri</b> Fire performance tests	: EN 50265-2-1, EN 50288-1, IEC 61031-1, IEC 60754-1-2 : EN 50265-2-1, EN 50288-1, IEC 61031-1, IEC 60754-1-2
<b>Ayırıcı</b> Separator	: Polyester bant : Polyester tape		
<b>Bireysel Ekran</b> Individual Screen:	: Toprak teli ve Al- Pes folyo : Drain wire and foil Al-PES		
<b>Büküm</b> Lay-up	: Katlar halinde büküm : 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>Kılıf Rengi</b> Sheath Color	: Siyah veya Mavi : Black or Blue		



# RE-2Y(ST)H-PIMF & RE-2X(ST)H-PIMF

500V



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	10,3	34,0	90,0
4x2x0,50	12,1	62,0	140,0
5x2x0,50	12,9	77,0	165,0
6x2x0,50	14,1	91,0	195,0
8x2x0,50	15,9	120,0	245,0
10x2x0,50	17,6	149,0	300,0
12x2x0,50	19,2	178,0	360,0
16x2x0,50	21,9	235,0	465,0
20x2x0,50	24,1	293,0	560,0
24x2x0,50	26,2	350,0	660,0
2x2x0,75	11,3	43,0	110,0
4x2x0,75	13,1	82,0	170,0
5x2x0,75	14,2	101,0	205,0
6x2x0,75	15,2	120,0	235,0
8x2x0,75	17,4	158,0	305,0
10x2x0,75	19,3	197,0	375,0
12x2x0,75	20,8	235,0	435,0
16x2x0,75	23,7	312,0	565,0
20x2x0,75	26,3	389,0	695,0
24x2x0,75	28,7	466,0	825,0
2x2x1	12,1	53,0	125,0
4x2x1	14,2	101,0	205,0
5x2x1	15,2	125,0	240,0
6x2x1	16,6	149,0	285,0
8x2x1	18,7	197,0	360,0

\* Yüksek akım enerji beslemesi için uygun değildir.

\* Standart ambalajlama

Kangal < 30 kg ve 250 mt < Makara

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)
10x2x1	20,7	245,0	440,0
12x2x1	22,6	293,0	525,0
16x2x1	25,8	389,0	680,0
20x2x1	28,6	485,0	835,0
24x2x1	31,2	581,0	990,0
2x2x1,3	13,0	64,0	145,0
4x2x1,3	15,4	123,0	240,0
5x2x1,3	16,7	153,0	290,0
6x2x1,3	18,0	183,0	335,0
8x2x1,3	20,5	242,0	435,0
10x2x1,3	22,8	302,0	535,0
12x2x1,3	24,8	361,0	635,0
16x2x1,3	28,3	480,0	820,0
20x2x1,3	31,4	600,0	1.010,0
24x2x1,3	34,2	719,0	1.200,0
2x2x1,5	13,8	72,0	165,0
4x2x1,5	16,1	139,0	260,0
5x2x1,5	17,5	173,0	320,0
6x2x1,5	19,0	206,0	375,0
8x2x1,5	21,7	274,0	490,0
10x2x1,5	23,9	341,0	590,0
12x2x1,5	26,0	408,0	700,0
16x2x1,5	29,9	542,0	920,0
20x2x1,5	33,1	677,0	1.130,0
24x2x1,5	36,1	811,0	1.340,0

\* Not suitable for high current power supply

\* Standard packaging

Coil < 30 kg and 250 mt < Drum