



## Teknik Veriler / Technical Data



**Çalışma gerilimi**  
 Operating voltage  
 300 V



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



**Bükme yarıçap**  
 Bending radius  
 Min. 15 x Ø



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



**Test gerilimi**  
 Test voltage  
 1000 V



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



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



**Kapasite (800 Hz)**  
 Capacitance (800Hz)  
 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)HSWAH-PIMF & RE-2X(St)HSWAH-PIMF

300 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

<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	: İkilili büküm : Double stranded
<b>Ayrıncı</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 stranding
<b>Ayrıncı</b> Separator	: Polyester bant : Polyester tape
<b>Ekran</b> Screen	: Toprak teli ve Al- Pes folyo Drain wire and foil Al-PES
<b>İç kılıf</b> Inner sheath	: HFFR bileşik (EN 50290-2-27) : HFFR compound (EN 50290-2-27)
<b>Zırh</b> Armour	: Galvanizli çelik tel : Galvanized round steel wire
<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

### 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 : 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



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

300V



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	13,7	34,0	315,0
4x2x0,50	15,1	62,0	385,0
5x2x0,50	16,0	77,0	430,0
6x2x0,50	16,8	91,0	475,0
8x2x0,50	18,3	120,0	550,0
10x2x0,50	19,8	149,0	635,0
12x2x0,50	21,7	178,0	810,0
16x2x0,50	24,0	235,0	965,0
20x2x0,50	25,9	293,0	1.105,0
24x2x0,50	27,7	350,0	1.250,0
2x2x0,75	14,5	43,0	345,0
4x2x0,75	16,2	82,0	445,0
5x2x0,75	17,0	101,0	490,0
6x2x0,75	18,0	120,0	540,0
8x2x0,75	20,5	158,0	740,0
10x2x0,75	22,0	197,0	835,0
12x2x0,75	23,5	235,0	940,0
16x2x0,75	25,9	312,0	1.115,0
20x2x0,75	28,1	389,0	1.295,0
24x2x0,75	30,6	466,0	1.505,0
2x2x1	15,3	53,0	380,0
4x2x1	17,2	101,0	490,0
5x2x1	18,0	125,0	545,0
6x2x1	20,0	149,0	705,0
8x2x1	21,8	197,0	825,0

\* 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	23,6	245,0	955,0
12x2x1	25,1	293,0	1.060,0
16x2x1	27,9	389,0	1.280,0
20x2x1	31,5	485,0	1.690,0
24x2x1	33,6	581,0	1.895,0
2x2x1,3	16,7	64,0	430,0
4x2x1,3	18,6	123,0	560,0
5x2x1,3	20,5	153,0	735,0
6x2x1,3	21,7	183,0	810,0
8x2x1,3	24,0	242,0	965,0
10x2x1,3	25,8	302,0	1.105,0
12x2x1,3	27,7	361,0	1.250,0
16x2x1,3	31,6	480,0	1.676,0
20x2x1,3	34,8	600,0	1.990,0
24x2x1,3	37,2	719,0	2.235,0
2x2x1,5	17,0	72,0	455,0
4x2x1,5	19,1	139,0	590,0
5x2x1,5	20,3	173,0	665,0
6x2x1,5	22,2	206,0	850,0
8x2x1,5	24,6	274,0	1.020,0
10x2x1,5	26,8	341,0	1.180,0
12x2x1,5	28,5	408,0	1.325,0
16x2x1,5	32,9	542,0	1.820,0
20x2x1,5	35,8	677,0	2.115,0
24x2x1,5	38,5	811,0	2.400,0

\* Not suitable for high current power supply

\* Standard packaging

Coil < 30 kg and 250 mt < Drum