




## Teknik Veriler / Technical Data


 **Çalışma gerilimi**  
Operating voltage  
500 V

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


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


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

 **Test gerilimi**  
Test voltage  
2000 V

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

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

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

 **(L/R) ratio**  
(L/R) ratio  
<25 luH/Ohm 1 mm<sup>2</sup> 'ye kadar  
<40 luH/Ohm 1,5 mm<sup>2</sup> 'ye kadar  
<60 luH/Ohm 2,5 mm<sup>2</sup> 'ye kadar

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

# RE-2Y(St)YSWAY-fl & RE-2X(St)YSWAY-fl

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.

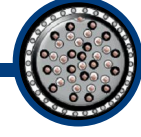
## Applications

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
<b>Büküm</b> Lay-up	: Çiftli bükülü katlar halinde büküm Double stranded in layers	<b>Yangın performans testleri</b> Fire performance tests	: EN 50265-2-1, EN 50288-1
<b>Ayırıcı</b> Separator	: Polyester bant Polyester tape		
<b>Bireysel Ekran</b> Individual Screen:	: Toprak teli ve Al-pes folyo Drain wire and Al-pes foil		
<b>Büküm</b> Lay-up	: Katlar halinde büküm In layers stranding		
<b>Ayırıcı</b> Separator	: Polyester bant Polyester tape		
<b>Ekran</b> Screen	: Toprak teli ve Al-pes folyo Drain wire and Al-pes foil		
<b>İç kılıf</b> Inner sheath	: PVC bileşik (EN 50290-2-27 / TM51) PVC compound (EN 50290-2-27 / TM 51)		
<b>Zırh</b> Armoring	: Galvaniz çelik tel Galvanized steel wire		
<b>Dış kılıf</b> Outer sheath	: PVC bileşik (EN 50290-2-27 / TM51) PVC compound (EN 50290-2-27 / TM 51)		
<b>Kılıf Rengi</b> Sheath Color	: Siyah veya mavi Black or blue		

# RE-2Y(St)YSWAY-fl & RE-2X(St)YSWAY-fl

500 V



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)
2x1	7,2	11,8	43,0
3x1	7,6	12,2	62,0
4x1	8,2	12,8	82,0
5x1	8,9	13,5	101,0
6x1	9,6	14,2	120,0
8x1	10,7	15,5	158,0
10x1	12,0	16,8	197,0
12x1	12,4	17,2	235,0
14x1	13,0	17,8	274,0
16x1	13,7	18,5	312,0
20x1	15,2	20,9	389,0
24x1	16,8	22,7	466,0
27x1	17,2	23,1	523,0
30x1	17,8	23,7	581,0
37x1	19,2	25,1	715,0
40x1	20,0	26,1	773,0
2x1,3	7,7	12,3	55,0
3x1,3	8,1	12,7	80,0
1x2x0,50	10,8	14,0	200,0
2x2x0,50	13,8	24,0	295,0
4x2x0,50	15,5	43,0	375,0
5x2x0,50	16,0	53,0	400,0
6x2x0,50	16,8	62,0	440,0
8x2x0,50	18,3	82,0	510,0
10x2x0,50	19,8	101,0	585,0
12x2x0,50	21,7	120,0	755,0
16x2x0,50	24,0	158,0	895,0
20x2x0,50	25,8	197,0	1.015,0
24x2x0,50	27,7	235,0	1.145,0
1x2x0,75	11,2	19,0	215,0
2x2x0,75	14,4	34,0	325,0
4x2x0,75	16,3	62,0	420,0
5x2x0,75	16,8	77,0	455,0
6x2x0,75	17,8	91,0	500,0
8x2x0,75	19,6	120,0	590,0
10x2x0,75	21,7	149,0	780,0
12x2x0,75	23,2	178,0	875,0

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)
16x2x0,75	25,5	235,0	1.035,0
20x2x0,75	27,8	293,0	1.200,0
24x2x0,75	30,0	350,0	1.375,0
1x2x1	11,8	24,0	240,0
2x2x1	15,1	43,0	355,0
4x2x1	17,1	82,0	460,0
5x2x1	17,7	101,0	505,0
6x2x1	18,7	120,0	560,0
8x2x1	21,4	158,0	770,0
10x2x1	23,2	197,0	890,0
12x2x1	24,6	235,0	990,0
16x2x1	27,3	312,0	1.195,0
20x2x1	29,9	389,0	1.405,0
24x2x1	32,8	466,0	1.765,0
1x2x1,3	12,3	30,0	260,0
2x2x1,3	16,1	55,0	400,0
4x2x1,3	18,1	105,0	520,0
5x2x1,3	18,8	130,0	570,0
6x2x1,3	20,8	155,0	745,0
8x2x1,3	23,0	204,0	885,0
10x2x1,3	24,7	254,0	1.010,0
12x2x1,3	26,3	304,0	1.130,0
16x2x1,3	29,7	404,0	1.405,0
20x2x1,3	33,0	504,0	1.810,0
24x2x1,3	35,4	604,0	2.050,0
1x2x1,5	12,6	34,0	270,0
2x2x1,5	16,7	62,0	420,0
4x2x1,5	18,8	120,0	555,0
5x2x1,5	19,7	149,0	620,0
6x2x1,5	21,5	178,0	795,0
8x2x1,5	23,8	235,0	950,0
10x2x1,5	25,7	293,0	1.090,0
12x2x1,5	27,5	350,0	1.235,0
16x2x1,5	31,8	466,0	1.700,0
20x2x1,5	34,5	581,0	1.975,0
24x2x1,5	36,9	696,0	2.225,0

\* 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