



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 & RE-2X(St)HSWAH

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		Uygulanan Testler / Applied Tests	
İletken Conductor	: Tavlı bükülü bakır tel (HD 383 S2 Class 2) : Stranded copper wire (HD 383 S2 Class 2)	Yapısal boyut testleri Structural dimension tests	: HD 21.2, EN 50288
İzolasyon 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)	Mekanik testler 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
Damar renkleri Core identification:	: Siyah ve beyaz numaralı : Black and White numbered	Elektriksel testler Electrical tests	: HD 21.2
Büküm Lay-up	: Çiftli bükülü katlar halinde büküm : Double stranded in layers	Yangın performans testleri Fire performance tests	: EN 50265-2-1, EN 50288-1, IEC 61031-1, IEC 60754-1-2
Ayırıcı Separator	: Polyester bant : Polyester tape		
Ekran Screen	: Toprak teli ve Al- Pes folyo : Drain wire and foil Al-PES		
İç kılıf Inner sheath	: HFFR bileşik (EN 50290-2-27) : HFFR compound (EN 50290-2-27)		
Zırh Armour	: Galvanizli çelik tel : Galvanized round steel wire		
Dış kılıf Outer sheath	: HFFR bileşik (EN 50290-2-27) : HFFR compound (EN 50290-2-27)		
Kılıf Rengi Sheath Color	: Siyah veya mavi : Black or blue		



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

300V



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)
1x2x0,50	10,2	14,0	195,0
2x2x0,50	12,7	24,0	275,0
4x2x0,50	14,0	43,0	340,0
5x2x0,50	14,5	53,0	365,0
6x2x0,50	15,4	62,0	405,0
8x2x0,50	16,6	82,0	465,0
10x2x0,50	17,7	101,0	525,0
12x2x0,50	18,7	120,0	575,0
16x2x0,50	21,4	158,0	795,0
20x2x0,50	23,2	197,0	915,0
24x2x0,50	24,6	235,0	1.015,0
1x2x0,75	10,6	19,0	210,0
2x2x0,75	13,4	34,0	305,0
4x2x0,75	14,8	62,0	380,0
5x2x0,75	15,5	77,0	420,0
6x2x0,75	16,3	91,0	460,0
8x2x0,75	17,7	120,0	540,0
10x2x0,75	19,0	149,0	610,0
12x2x0,75	21,0	178,0	790,0
16x2x0,75	23,2	235,0	945,0
20x2x0,75	25,0	293,0	1.080,0
24x2x0,75	26,7	350,0	1.225,0
1x2x1	11,0	24,0	225,0
2x2x1	14,1	43,0	335,0
4x2x1	15,9	82,0	435,0
5x2x1	16,4	101,0	475,0
6x2x1	17,3	120,0	520,0
8x2x1	18,8	158,0	615,0

* Yüksek akım enerji beslemesi için uygun değildir.

* Standart ambalajlama

Kangal < 30 kg ve 250 mt < Makara

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)
10x2x1	21,1	197,0	815,0
12x2x1	22,4	235,0	905,0
16x2x1	24,8	312,0	1.085,0
20x2x1	26,9	389,0	1.265,0
24x2x1	28,7	466,0	1.420,0
1x2x1,3	11,8	30,0	254,0
2x2x1,3	15,1	55,0	380,0
4x2x1,3	17,1	105,0	500,0
5x2x1,3	17,7	130,0	545,0
6x2x1,3	18,7	155,0	605,0
8x2x1,3	21,4	204,0	835,0
10x2x1,3	23,0	254,0	950,0
12x2x1,3	24,6	304,0	1.075,0
16x2x1,3	27,3	404,0	1.300,0
20x2x1,3	29,5	504,0	1.500,0
24x2x1,3	32,8	604,0	1.920,0
1x2x1,5	12,0	34,0	265,0
2x2x1,5	15,6	62,0	405,0
4x2x1,5	17,5	120,0	525,0
5x2x1,5	18,2	149,0	580,0
6x2x1,5	20,1	178,0	750,0
8x2x1,5	22,0	235,0	885,0
10x2x1,5	23,8	293,0	1.025,0
12x2x1,5	25,3	350,0	1.145,0
16x2x1,5	28,1	466,0	1.390,0
20x2x1,5	30,6	581,0	1.630,0
24x2x1,5	33,8	696,0	2.060,0

* Not suitable for high current power supply

* Standard packaging

Coil < 30 kg and 250 mt < Drum