



Description

24 AWG (7*32) Tinned copper Pe insulated 2 pair, Beldfoil aluminium-polyester shield with Z-fold, 24 AWG(7*32) tinned copper drain wire, 90% tinned copper braid, LSNH inner jacket, galvanized steel wire serve armor, LSNH jacket

Dimensions

Nom. insulation Thickness	0.51	mm
Nom. diameter over insulation	1.73	mm
Nom. inner jacket thickness	0.89	mm
Nom. inner jacket diameter	8.7	mm
armor wire size	1.25	mm
Nom. lay length (10-12 PCD)	112	mm
Nom. Outer jacket Thickness	1.35	mm
Nom. Outer diameter	13.1	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Max. continuous current per conductor @ 25 deg. C	2.1	A
Nom. capacitance between conductors of a pair @ 1	42	nF/km
Nom. capacitance conductor to shield @ 1 kHz	75.5	nF/km
Nom. conductor DC resistance @ 20 Deg. C	79	Ohm/km
Nom. shield DC resistance @ 20 Deg. C	11	Ohm/km
Velocity of propagation	66	%
Velocity of propagation	66	%
Nom. Impedance @ 1 MHz	120	Ohm
Nom. Attenuation @ 1MHz	2	db/100 meter

Physical characteristics

Temperature rating	-15 +80	Deg. C
Insulation material	PE	
Inner jacket material	LSNH (chrome Ral7037)	
Outer jacket material (color)	LSNH (Black)	
Type shield and % coverage	beldfoil 100% braid 90%	
Max. pulling tension	*	N
Min. bend radius	210	mm
Applicable specifications	BS 7655 section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-3-C	



Color code

White-Blue & Blue-White / White-Orange & Orange-White

Application

Instrumentation and computer cable for EIA RS-485 Data transmission Applications (Label contains Ce marking)