



Description

24 AWG (7*32) Tinned copper PE insulated twisted pair, Beldfoil aluminium-polyester shield with Z-fold, 24 AWG (7*32) tinned copper drain wire, 90% tinned copper braid, LSNH Jacket

Dimensions

Nom. insulation Thickness	0.51	mm
Nom. diameter over insulation	1.73	mm
Twisted pair lay length	65	mm
Nom. Jacket thickness	0.89	mm
Nom. outer diameter	5.9	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	%
Nom. Impedance @ 1 MHz	120	Ohm

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	PE	
Jacket material (color)	LSNH (Chrome RAL 7037)	
Type shield and % coverage	Beldfoil / Braid 100%/90%	
Max. pulling tension	300	N
Min. bend radius	65	mm
Applicable specifications	BS 7655 Section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-3-C	

Color code

White.Blue & Blue.White

Application

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