



Description

18 AWG (16*30) Tinned copper, Pe Insulated, 1 twisted pair, Beldfoil Aluminium-Polyester shield with Z-fold, 20 AWG (7*28) tinned copper drainwire, LSNH jacket

Dimensions

Nom. insulation Thickness	0.41	mm
Nom. diameter over insulation	2.08	mm
Twisted pair lay length	40	mm
Nom. Jacket thickness	0.89	mm
Nom. outer diameter	6.0	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Max. Continuous current per conductor @ 25 deg. C	5.2	A
Nom. Capacitance between conductors of a pair @ 1	79	nF/km
Nom. capacitance conductor to shield @ 1 kHz	144	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	22.7	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	43	Ohm/km
Velocity of propagation	66	%

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	Pe	
Jacket material (color)	LSNH (Chrome RAI 7037)	
Type shield and % coverage	Aluminium Polyester 100%	
Max. pulling tension	280	N
Min. bend radius	58	mm
Applicable specifications	Bs 7655 Section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-3-C	

Color code

Black & Clear

Application

Instrumentation and computer cables for Data transmission Applications (Label contains Ce marking)