



Description

24 AWG (7*32) Tinned copper, PE insulated 2 twisted pairs, overall Beldfoil aluminium- polyester shield with a shorting fold, 24 AWG stranded tinned copper conductor drain wire, LSNH Jacket

Dimensions

Nom. insulation Thickness	0.25	mm
Nom. diameter over insulation	1.12	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	2.2	A
Nom. Capacitance between conductors of a pair @ 1	65	nF/km
Nom. capacitance conductor to shield @ 1 kHz	110	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	82.0	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	56	Ohm/km
Velocity of propagation	67	%

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	PE	
Jacket material (color)	LSNH (chrome RAL 7037)	
Type shield and % coverage	Aluminium-Polyester 100%	
Max. pulling tension	100	N
Min. bend radius	59	mm
Applicable specifications	BS 7655 section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-3-C	

Color code

Black & Red / Black & white

Application

Instrumentation and computer cables for EIA RS-232 Data transmission Applications (Label contains Ce marking)