



Description

22 AWG Bare copper, Cellular Polyethylene insulated 1 pair Profibus cable, Beldfoil Aluminium-Polyester shield, 65% tinned copper braid, LSNH inner jacket, galvanised steel wire armor serve, LSNH jacket.

Dimensions

Nom. insulation Thickness	0.9	mm
Nom. diameter over insulation	2.5	mm
Nom. inner jacket thickness	1.08	mm
Nom. inner jacket diameter	8.0	mm
armor wire size	0.9	mm
Nom. lay length (10-12 PCD)	95	mm
Nom. Outer jacket Thickness	1.30	mm
Nom. Outer diameter	12.10	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Max. continuous current per conductor @ 25 deg. C	2	A
Nom. capacitance between conductors of a pair @ 1	29	nF/km
Nom. capacitance conductor to shield @ 1 kHz	49	nF/km
Nom. conductor DC resistance @ 20 Deg. C	52.2	Ohm/km
Nom. shield DC resistance @ 20 Deg. C	12.8	Ohm/km
Velocity of propagation	78	%
Nom. Impedance @ 1 MHz	150	Ohm
Nom. Attenuation @ 1MHz		db/100 meter
@200kHz = 0.9dB/100m @ 4MHz 2.2 dB/100m @16MHz 4.5 dB/100m @100MHz 12.3 dB/100m		

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	Cellular Pe	
Inner jacket material	LSNH	
Outer jacket material (color)	LSNH (Black)	
Type shield and % coverage	Beldfoil 100% Braid 65%	
Max. pulling tension	*	N
Min. bend radius	180	mm
Applicable specifications	BS 7655 Section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-3-C	

Color code



Red / Green

Application

Instrumentation and computer cable for Data Transmission applications such as Profibus.
(Label contains Ce marking)