



## 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 Jacket.

## Dimensions

Nom. insulation Thickness	<b>0.51</b>	mm
Nom. diameter over insulation	<b>1.73</b>	mm
Twisted pair lay length	<b>65</b>	mm
Nom. Jacket thickness	<b>0.89</b>	mm
Nom. outer diameter	<b>8.7</b>	mm

## Electrical characteristics

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

## Physical characteristics

Temperature rating	<b>-15 to +80</b>	Deg. C
Insulation material	<b>Pe</b>	
Jacket material (color)	<b>LSNH (Chrome RAL 7037)</b>	
Type shield and % coverage	<b>Beldfoil 100% braid 90%</b>	
Max. pulling tension	<b>390</b>	N
Min. bend radius	<b>90</b>	mm
Applicable specifications	<b>BS 7655 Section 6.1 Table 1 LTS 3</b>	
Flame resistance	<b>IEC 332-3-C</b>	

## Color code

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

## Application

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