



## Description

20 AWG (7\*28) Tinned copper, Pe insulated, Twinax , Beldfoil Aluminium-polyester shield, 20 AWG (7\*28) tinned copper drain wire, 55% tinned copper braid,LSNH jacket

## Dimensions

Nom. insulation Thickness	<b>0.48</b>	mm
Nom. diameter over insulation	<b>1.96</b>	mm
Twisted pair lay length	<b>74</b>	mm
Nom. Jacket thickness	<b>0.89</b>	mm
Nom. outer diameter	<b>6.4</b>	mm

## Electrical characteristics

Max. operating voltage	<b>300</b>	V Rms
Nom. Capacitance between conductors of a pair @ 1	<b>64.6</b>	nF/km
Nom. capacitance conductor to shield @ 1 kHz	<b>116</b>	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	<b>31.0</b>	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	<b>13.4</b>	Ohm/km
Velocity of propagation	<b>66</b>	%
Nom. Impedance @ 1 MHz	<b>78</b>	Ohm
Nom. Attenuation		dB/100 meter
@ 1MHz 2.0 dB/100m @ 10 MHz 6.9 dB/100m @ 50 MHz 16.4 dB/100m @ 100 MHz 24.6 dB/100m @ 200MHz 36.1 dB/100m @ 400 MHz 52.5 dB/100m		

## Physical characteristics

Temperature rating	<b>-15 to +80</b>	Deg. C
Insulation material	<b>Pe</b>	
Jacket material (color)	<b>LSNH (Blue)</b>	
Type shield and % coverage	<b>Aluminium-Polyester 100% Tinned copper braid 55%</b>	
Max. pulling tension	<b>200</b>	N
Min. bend radius	<b>65</b>	mm
Applicable specifications	<b>BS 7655 section 6.1 Tabe 1 LTS 3</b>	
Flame resistance	<b>IEC 332-3-C</b>	

## Color code

Blue & Clear

## Application

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