

## Product datasheet

page 1 of 1  
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# 8762NH



### Description

20 AWG (7\*28) Tinned copper, Pe insulated, 1 twisted pair, Beldfoil Aluminium-polyester shield 20 AWG tinned copper drain wire, LSNH Jacket

### Dimensions

Nom. insulation Thickness	<b>0.37</b>	mm
Nom. diameter over insulation	<b>1.78</b>	mm
Twisted pair lay length	<b>40</b>	mm
Nom. Jacket thickness	<b>0.89</b>	mm
Nom. outer diameter	<b>5.6</b>	mm

### Electrical characteristics

Max. operating voltage	<b>300</b>	V Rms
Max. Continuous current per conductor @ 25 deg. C	<b>3.9</b>	A
Nom. Capacitance between conductors of a pair @ 1	<b>89</b>	nF/km
Nom. capacitance conductor to shield @ 1 kHz	<b>161</b>	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	<b>31.2</b>	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	<b>pb</b>	Ohm/km
Velocity of propagation	<b>66</b>	%

### Physical characteristics

Temperature rating	<b>-15 to +80</b>	Deg. C
Insulation material	<b>Pe</b>	
Jacket material (color)	<b>LSNH (Chrome RAI 7037)</b>	
Type shield and % coverage	<b>Aluminium-Polyester 100%</b>	
Max. pulling tension	<b>200</b>	N
Min. bend radius	<b>50</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

Black & Clear

### Application

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