

## Product datasheet

page 1 of 1  
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# 3076ENH



### Description

18 AWG (7\*30), Polyolefin, 1 pair, Alluminium Polyester Beldfoil foil with L-fold, tinned copper drainwire, LSNH outer jacket.

### Dimensions

Nom. insulation Thickness	<b>0.5</b>	mm
Nom. diameter over insulation	<b>2.24</b>	mm
Nom. Jacket thickness	<b>1.45</b>	mm
Nom. outer diameter	<b>7.5</b>	mm

### Electrical characteristics

Max. operating voltage	<b>300</b>	V Rms
Nom. Capacitance between conductors of a pair @ 1	<b>82</b>	nF/km
Nom. capacitance conductor to shield @ 1 kHz	<b>147</b>	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	<b>20</b>	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	<b>24.6</b>	Ohm/km
Velocity of propagation	<b>66</b>	%
Nom. Impedance @ 31.25 kHz	<b>100</b>	Ohm
Nom. Attenuation		
@10kHz =0.2 dB/100m @ 39 kHz = 0.26 dB/100m, @100kHz = 0.62 dB/100m @ 500 kHz = 2.46 dB/100m @ 1MHz 3.44 dB/100m		

### Physical characteristics

Temperature rating	<b>-15 to +80</b>	Deg. C
Insulation material	<b>Polyolefin</b>	
Jacket material (color)	<b>LSNH(orange*)</b>	
Type shield and % coverage	<b>Aluminium-Polyester 100%</b>	
Max. pulling tension	<b>50</b>	N
Min. bend radius	<b>100</b>	mm
Applicable specifications	<b>BS 7655 Section 6.1 table 1 LTS 3</b>	
Flame resistance	<b>IEC 332-3C</b>	

### Color code

White and Black

### Application

Instrumentation and computer cables for Data transmission applications (Label contains Ce marking) \*also available in blue