

Product datasheet

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date 20011203

3076ENH



Description

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

Dimensions

Nom. insulation Thickness	0.5	mm
Nom. diameter over insulation	2.24	mm
Nom. Jacket thickness	1.45	mm
Nom. outer diameter	7.5	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Nom. Capacitance between conductors of a pair @ 1	82	nF/km
Nom. capacitance conductor to shield @ 1 kHz	147	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	20	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	24.6	Ohm/km
Nom. Inductance	0.72	microH/m
Velocity of propagation	66	%
Nom. Impedance @ 31.25 kHz	100	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	-15 to +80	Deg. C
Insulation material	Polyolefin	
Jacket material (color)	LSNH(orange*)	
Type shield and % coverage	Aluminium-Polyester 100%	
Max. pulling tension	50	N
Min. bend radius	100	mm
Applicable specifications	BS 7655 Section 6.1 table 1 LTS 3	
Flame resistance	IEC 332-3C	

Color code

White and Black

Application

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