

Product datasheet

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7704NH



Description

22 AWG solid bare copper, Foam flame retardant Pe insulated, 2 pair, Beldfoil Aluminium Polyester shield, 24 AWG drain wire, LSNH jacket

Dimensions

Nom. insulation Thickness	0.45	mm
Nom. diameter over insulation	1.32	mm
Nom. Jacket thickness	0.6	mm
Nom. outer diameter	6.5	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Max. Continuous current per conductor @ 25 deg. C	2.5	A
Nom. Capacitance between conductors of a pair @ 1	46	nF/km
Nom. capacitance conductor to shield @ 1 kHz	80	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	55	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	17	Ohm/km
Nom. Impedance @ 1 MHz	100	Ohm
Nom. Attenuation		
@772kHz 1.9 dB/100m @ 1 MHz 2.1dB/100m @ 4 MHz 4.3 dB/100m @ 10MHz 7.2 dB/100m @ 16 MHz 8.9 dB/100m @ 20 MHz 10.2 db/100m		

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	Foam Flame retardant Pe	
Jacket material (color)	LSNH (White)	
Type shield and % coverage	Aluminium polyester 100%	
Max. pulling tension	50	N
Min. bend radius	80	mm
Applicable specifications	BS 7655 Section 6.1 Table 1 LTS 3	
Flame resistance	IEC 332-1	

Color code

White-Blue & Blue-White / White-orange & orange-White

Application

Instrumentation and computer cables for Data transmission applications (label contains Ce marking)