

Product datasheet

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3079E



Description

22 AWG (7*30) Bare copper, Cellular Polyethylene insulated 1 pair cable, Aluminum-Polyester shield with L-fold, 65% tinned copper braid, Purple PVC jacket.

Dimensions

Nom. insulation Thickness	0.9	mm
Nom. diameter over insulation	2.5	mm
Nom. Jacket thickness	1.1	mm
Nom. outer diameter	8.0	mm

Electrical characteristics

Max. operating voltage	300	V Rms
Max. Continuous current per conductor @ 25 deg. C	2	A
Nom. Capacitance between conductors of a pair @ 1	29	nF/km
Nom. capacitance conductor to shield @ 1 kHz	49	nF/km
Nom. Conductor DC resistance @ 20 Deg. C	52.2	Ohm/km
Nom. Shield DC resistance @ 20 Deg. C	12.8	Ohm/km
Velocity of propagation	78	%
Nom. Impedance @ 1 MHz	150	Ohm
Nom. Attenuation		dB/100 meter
@200kHz = 0.9dB/100m @ 4MHz 2.2 dB/100m @ 16MHz 4.5 dB/100m @ 100MHz 12.3 dB/100m		

Physical characteristics

Temperature rating	-15 to +80	Deg. C
Insulation material	Cellular Polyethylene	
Jacket material (color)	PVC (Purple)	
Type shield and % coverage	Aluminium+Polyester + 65% tinned copper braid	
Max. pulling tension	50	N
Min. bend radius	100	mm
Applicable specifications	BS 7655 section 6.1 table 1 LTS 3	
Flame resistance	IEC 332-1	

Color code

Red & Green

Application

Instrumentation cable for data applications