Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



82778 Multi-Conductor - CMP Rated (Plenum) Cable



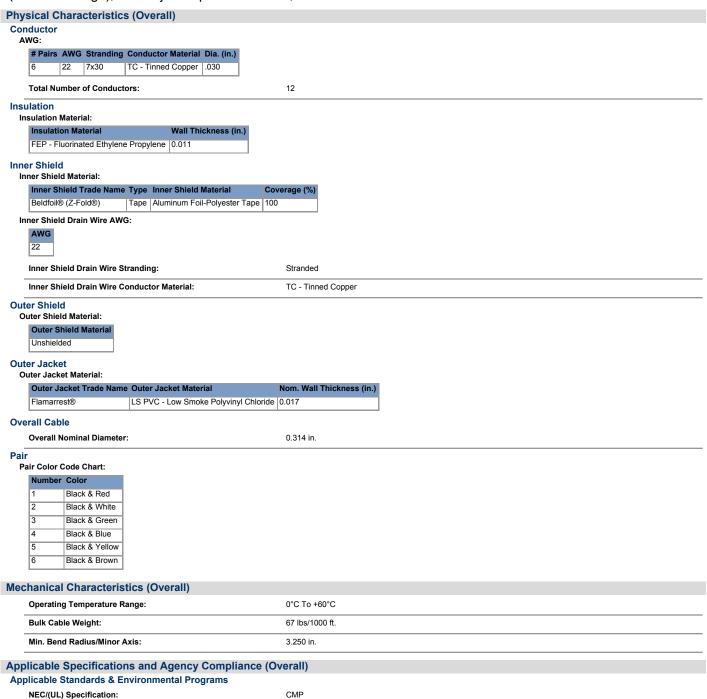
For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) TC conductor, FEP insulation, twisted pairs individually shielded with Beldfoil® (100% coverage), overall jacket per table below, 22 AWG stranded TC drain wire.



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	CEC/C(UL) Specification:	CMP			
	EU Directive 2011/65/EU (ROHS II):	Yes			
	EU CE Mark:	Yes			
	EU Directive 2000/53/EC (ELV):	Yes			
	EU Directive 2002/95/EC (RoHS):	Yes			
	EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005			
	EU Directive 2002/96/EC (WEEE):	Yes			
	EU Directive 2003/11/EC (BFR):	Yes			
	CA Prop 65 (CJ for Wire & Cable):	Yes			
	MII Order #39 (China RoHS):	Yes			
Flame Test					
	UL Flame Test:	NFPA 262			
	CSA Flame Test:	FT6			
Plenum/Non-Plenum					
	Plenum (Y/N):	Yes			
	Non-Plenum Number:	8778			

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

Nom. Inductance:

Inductance (µH/ft) 0.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nominal Velocity of Propagation:

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

11.300 Ohm/1000 ft

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 1.96 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
82778 8771000	1,000 FT	71.000 LB	NATURAL	С	6PR#22 FS FEP FLMRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-19-2012

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