Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



82777 Multi-Conductor - CMP Rated (Plenum) Cable

4

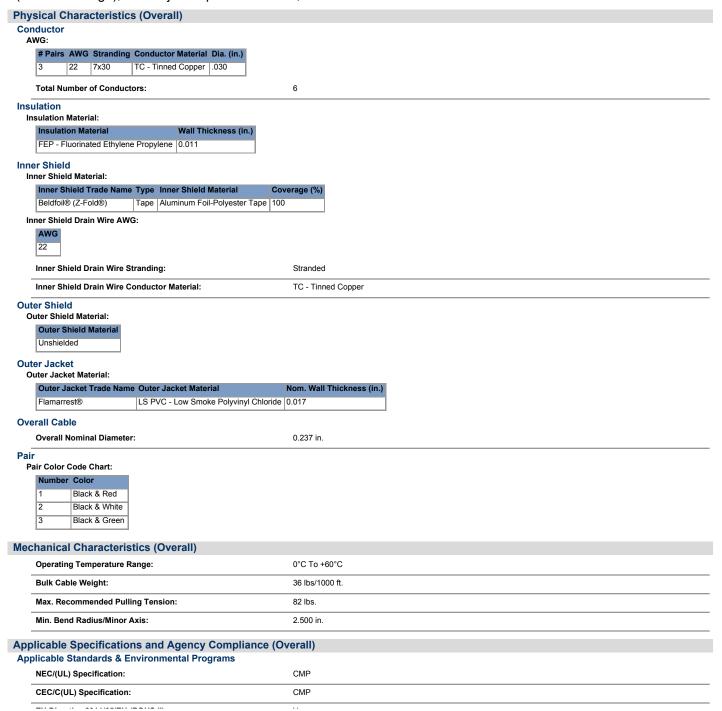
For more Information please call

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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	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				
Plei	Plenum/Non-Plenum					
	Plenum (Y/N):	Yes				
	Non-Plenum Number:	8777				

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 46

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nominal Velocity of Propagation:

62

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m) 16

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
82777 877U1000	1,000 FT	38.000 LB	NATURAL		3 PR #22 FS FEP FLMRST
82777 877U500	500 FT	19.500 LB	NATURAL		3 PR #22 FS FEP FLMRST
82777 8771000	1,000 FT	39.000 LB	NATURAL	С	3 PR #22 FS FEP FLMRST

C = CRATE REEL PUT-UP.

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

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Mouser Electronics

Authorized Distributor

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Belden Wire & Cable: 82777 8771000