# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 87777 Multi-Conductor - CMP Rated (Plenum) Cable



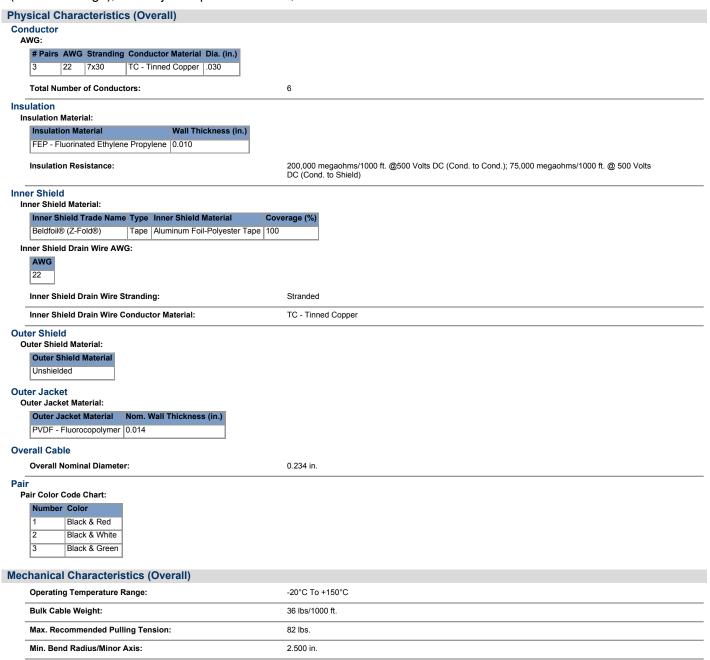
For more Information please call

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.



Applicable Specifications and Agency Compliance (Overall)
Applicable Standards & Environmental Programs

NEC/(UL) Specification:

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CMP

09-11-2017

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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:	8777

#### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



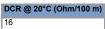
Nominal Velocity of Propagation:



Nominal Delay:



**Maximum Conductor DC Resistance:** 



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:

3.5 Amps per conductor @ 25°C

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
87777 0021000	1,000 FT	39.000 LB	RED	С	3 SH PR #22 FEP SOLEF
87777 002500	500 FT	19.500 LB	RED	С	3 SH PR #22 FEP SOLEF

Notes: C = CRATE REEL PUT-UP.

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

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