# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 82760 Multi-Conductor - Single-Pair Cable

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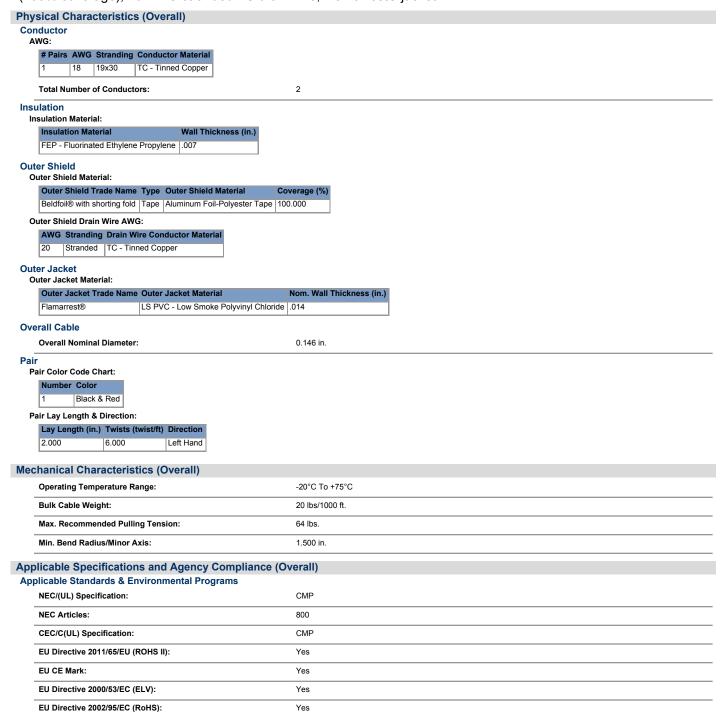
For more Information please call

1-800-Belden1



#### **General Description:**

18 AWG stranded (19x30) TC conductors, plenum, FEP insulation, twisted pair, overall Beldfoil® shield (100% coverage), 20 AWG stranded TC drain wire, Flamarrest® jacket.



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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
Suitability	
Suitability - Indoor:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Non-Plenum Number:	8760

#### **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:

Delay (ns/ft) 1.47

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 5.500

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 7.3

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

10C Temperature Rise 5.4 Amps per conductor @ 25°C ambient

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
82760 877U1000	1,000 FT	21.000 LB	NATURAL		1 PR #18 FEP FS FLMRST
82760 877U500	500 FT	11.000 LB	NATURAL		1 PR #18 FEP FS FLMRST
82760 8771000	1,000 FT	22.000 LB	NATURAL	С	1 PR #18 FEP FS FLMRST
82760 8775000	5,000 FT	105.000 LB	NATURAL		1 PR #18 FEP FS FLMRST

Notes: C = CRATE REEL PUT-UP.

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Revision Number: 5 Revision Date: 08-05-2013

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