# **Detailed Specifications & Technical Data**



ENGLISH MEASUREMENT VERSION

### 88760 Multi-Conductor - Single-Pair Cable

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, FEP jacket.

Physical Characteristics (Overall)	
Conductor	
AWG: # Pairs AWG Stranding Conductor Material	
1 18 19x30 TC - Tinned Copper	
Total Number of Conductors:	2
Insulation	
Insulation Material:	
Insulation Material Wall Thickness (in.) FEP - Fluorinated Ethylene Propylene .007	
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Material	Coverage (%)
Beldfoil® (with shorting fold) Tape Aluminum Foil-Polyester	
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material   20 Stranded TC - Tinned Copper	
Outer Jacket Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness	ه (in.)
FEP - Fluorinated Ethylene Propylene 0.014	
Overall Cable	
Overall Nominal Diameter:	0.143 in.
Pair	
Pair Color Code Chart:	
Number Color   1 Black & Red	
Pair Lay Length & Direction:	
Lay Length (in.) Twists (twist/ft) Direction	
2.000 6.000 Left hand	
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-70°C To +200°C
UL Temperature Rating:	60C
Bulk Cable Weight:	23 lbs/1000 ft.
Max. Recommended Pulling Tension:	64 lbs.
Min. Bend Radius/Minor Axis:	1.500 in.
Applicable Specifications and Agency Complian	
Applicable Standards & Environmental Programs	
NEC/(UL) Specification:	СМР
NEC Articles:	800
CEC/C(UL) Specification:	СМР
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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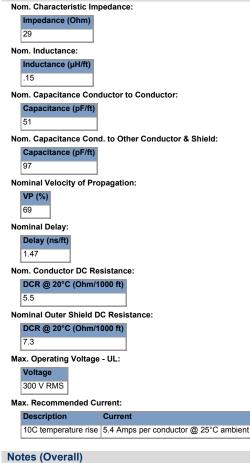


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EU Directive 2002/95/EC (RoHS):	Yes	
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005	
EU Directive 2002/96/EC (WEEE):	Yes	
EU Directive 2003/11/EC (BFR):	Yes	
CA Prop 65 (CJ for Wire & Cable):	Yes	
MII Order #39 (China RoHS):	Yes	
Flame Test		
UL Flame Test:	NFPA 262	
CSA Flame Test:	FT6	
Suitability		
Suitability - Indoor:	Yes	
Suitability - Outdoor:	Yes	
Suitability - Burial:	Yes	
Sunlight Resistance:	Yes	
Oil Resistance:	Yes	
Plenum/Non-Plenum		
Plenum (Y/N):	Yes	
Non-Plenum Number:	8760	

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



Notes: For use in indoor plenum environments but also suitable for outdoor and underground applications. Gas/vapor-tight jacket.

Put Ups and Colors	S:

ltem #	Putup	Ship Weight	Color	Notes	Item Desc
88760 002U1000	1,000 FT	25.000 LB	RED		2 #18 FEP SH FEP

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### 88760 Multi-Conductor - Single-Pair Cable

88760 002U500	500 FT	13.000 LB	RED		2 #18 FEP SH FEP
88760 002100	100 FT	3.800 LB	RED		2 #18 FEP SH FEP
88760 0021000	1,000 FT	24.000 LB	RED	С	2 #18 FEP SH FEP
88760 00210000	10,000 FT	240.000 LB	RED	CZ	2 #18 FEP SH FEP
88760 00220000	20,000 FT	500.000 LB	RED	CY	2 #18 FEP SH FEP
88760 002500	500 FT	13.000 LB	RED	С	2 #18 FEP SH FEP
88760 0025000	5,000 FT	120.000 LB	RED		2 #18 FEP SH FEP

Notes:

C = CRATE REEL PUT-UP. C = CRATE REEL PUT-UP. Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'. Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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