Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



89758 Multi-Conductor - Multi-Pair Snake Cable

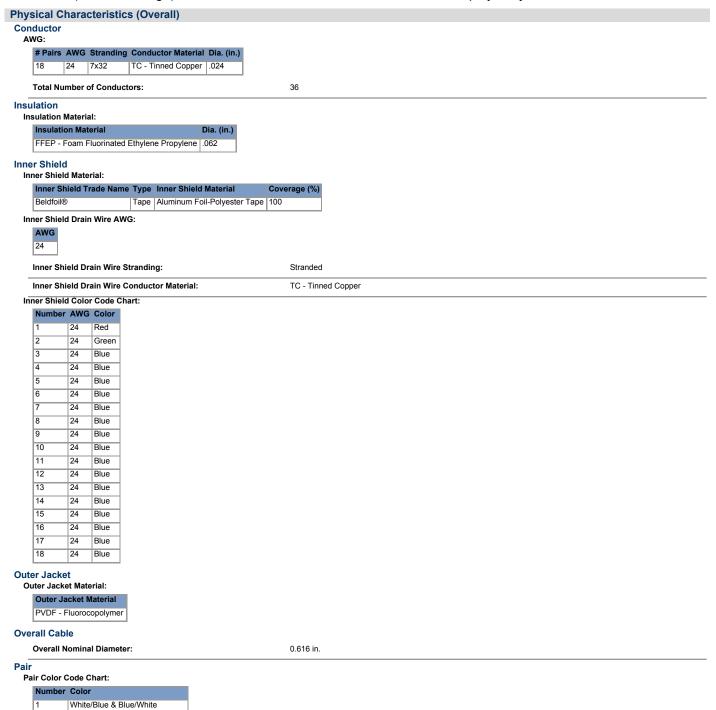
For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductor, plenum, foam FEP insulation, twisted pairs, individually shielded w/Beldfoil (100% coverage), 24 AWG stranded TC drain wire, overall fluorocopolymer jacket.



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2	White/Orange & Orange/White				
3	White/Green & Green/White				
4	White/Brown & Brown/White				
5	White/Gray & Gray/White				
6	Red/Blue & Blue/Red				
7	Red/Orange & Orange/Red				
8	Red/Green & Green/Red				
9	Red/Brown & Brown/Red				
10	Red/Gray & Gray/Red				
11	Black/Blue & Blue/Black				
12	Black/Orange & Orange/Black				
13	Black/Green & Green/Black				
14	Black/Brown & Brown/Black				
15	Black/Gray & Gray/Black				
16	Yellow/Blue & Blue/Yellow				
17	Yellow/Orange & Orange/Yellow				
18	Yellow/Green & Green/Yellow				

Mechanical Characteristics (Overa	II)
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Operating Temperature Range:	-20°C To +150°C		
Bulk Cable Weight:	207.600 lbs/1000 ft.		
Max. Recommended Pulling Tension:	297 lbs.		
Min. Bend Radius/Minor Axis:	6.250 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
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
lame Test	

UL Flame Test: NFPA 262 C(UL) Flame Test: FT6

Plenum/Non-Plenum

Plenum (Y/N): Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

Nom. Inductance:

Inductance (µH/ft)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Nominal Velocity of Propagation:

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Nominal Delay:

Delay (ns/ft) 1.3

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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

14.400 Ohm/1000 ft

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
.384	.074
.7056	.87
.768	.89
1.024	.95
1.4112	1.03
1.536	1.06
2.048	1.17
2.8224	1.37
3.072	1.44
4.096	1.67
5.6448	1.89
6.144	1.96
8.192	2.26
11.2896	2.59
12.288	2.71
24.576	3.73

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

2.0 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89758 0081000	1,000 FT	204.000 LB	GRAY	С	18 FS PR #24 FFEP SLF

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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