Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

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89729 Multi-Conductor - Multi-Pair Snake Cable

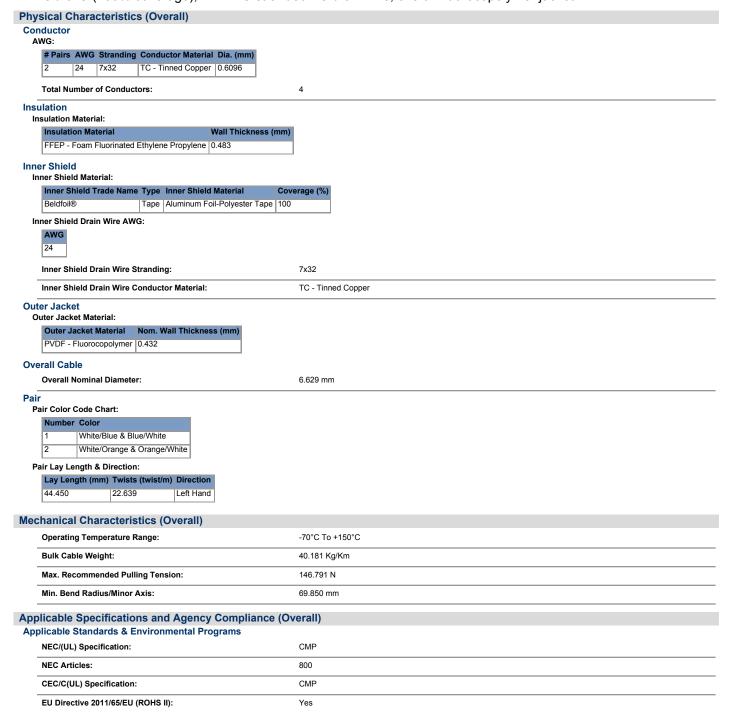
For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductors, 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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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	
Suitability		
Suitability - Indoor:	Yes	
Plenum/Non-Plenum		
Plenum (Y/N):	Yes	
Non-Plenum Number:	9729	

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 73.8225

Nominal Velocity of Propagation:

VP (%)

Nominal Delay:

Delay (ns/m) 4.2653

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 78.744

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 47.246 Ohm/km

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
.384	2.42794
.7056	2.85447
.768	2.92009
1.024	3.11695
1.4112	3.37943
1.536	3.47786
2.048	3.83877
2.8224	4.49497
3.072	4.72464
4.096	5.47927
5.6448	6.20109
6.144	6.43076
8.192	7.41506
11.2896	8.49779
12.288	8.89151
24.576	12.2381

Max. Operating Voltage - UL:

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Voltage 300 V RMS

Max. Recommended Current:

Description	Current	ı
10C Temperature Rise	2.0 Amps per conductor @ 25°C ambient	l

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89729 0081000	1,000 FT	31.000 LB	GRAY	С	2 SH PR #24 FFEP SLF
89729 008500	500 FT	17.000 LB	GRAY	С	2 SH PR #24 FFEP SLF

Notes: C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-06-2013

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