Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



89730 Multi-Conductor - Multi-Pair Snake Cable

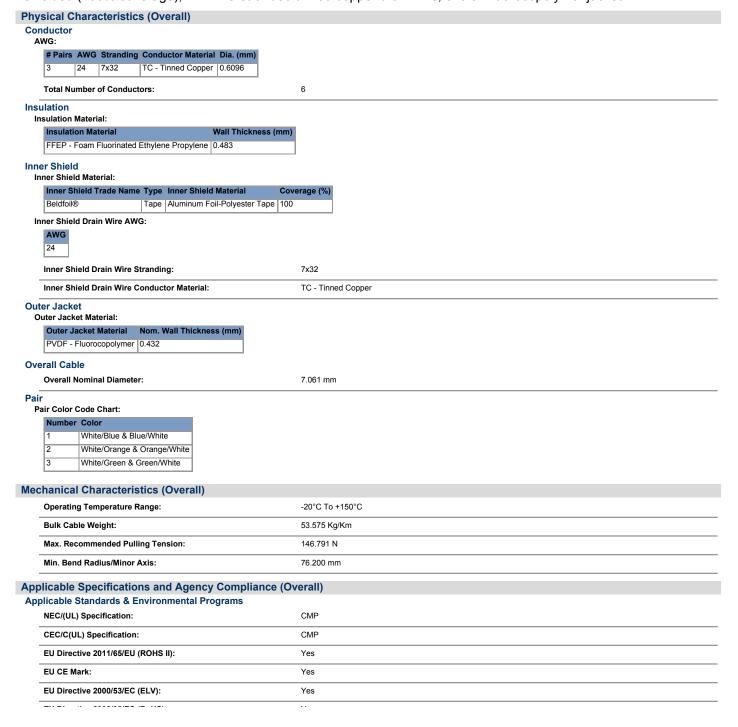
For more Information please call

1-800-Belden1



General Description:

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



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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
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Non-Plenum Number:	9730

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 44.2935

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 73.8225

Nominal Velocity of Propagation:



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:

Voltage 300 V RMS

Max. Recommended Current:

Current
2.0 Amps per conductor @ 25°C

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89730 0081000	1,000 FT	40.000 LB	GRAY	С	3 SH PR #24 FFEP SLF
89730 008500	500 FT	21.500 LB	GRAY	С	3 SH PR #24 FFEP SLF

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-25-2012

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product. ´
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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