## **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



### 89730 Multi-Conductor - Multi-Pair Snake Cable

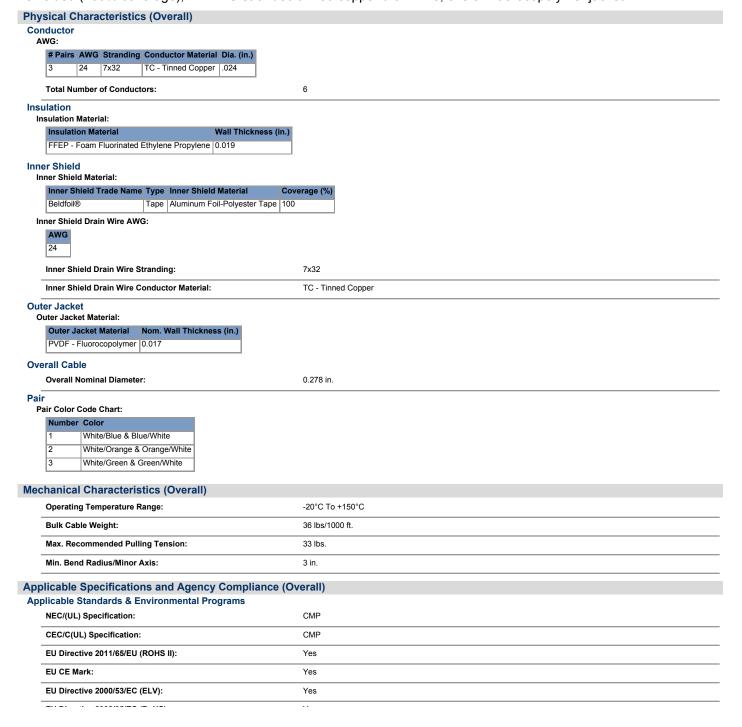
For more Information please call

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):	Ye	S
EU RoHS Compliance Date (mm/c	dd/yyyy): 04/	01/2005
EU Directive 2002/96/EC (WEEE):	Ye	S
EU Directive 2003/11/EC (BFR):	Ye	S
CA Prop 65 (CJ for Wire & Cable)	: Ye	S
MII Order #39 (China RoHS):	Ye	S
Flame Test		
UL Flame Test:	NF	PA 262
CSA Flame Test:	FT	6
Plenum/Non-Plenum		
Plenum (Y/N):	Ye	S
Non-Plenum Number:	973	30

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

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
13.5

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
22.5

Nominal Velocity of Propagation:



Nominal Delay:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 24

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

14.400 Ohm/1000 ft

#### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
.384	0.74
.7056	0.87
.768	0.89
1.024	0.95
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:

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 2014/35/EU).

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