Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



89730 Multi-Conductor - Multi-Pair Snake Cable

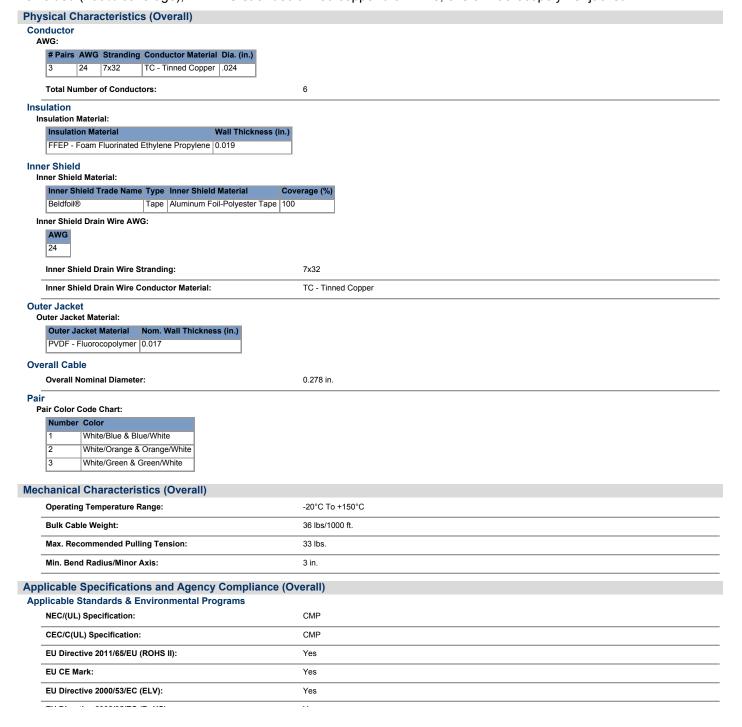
For more Information please call

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):		Yes
EU RoHS Compliance Date (mm/dd/yyyy):		04/01/2005
EU Directive 2002/96/EC (WEEE):		Yes
EU Directive 2003/11/EC (BFI	R):	Yes
CA Prop 65 (CJ for Wire & Ca	able):	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:



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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