Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



89182 Twinax - Twinaxial Cable

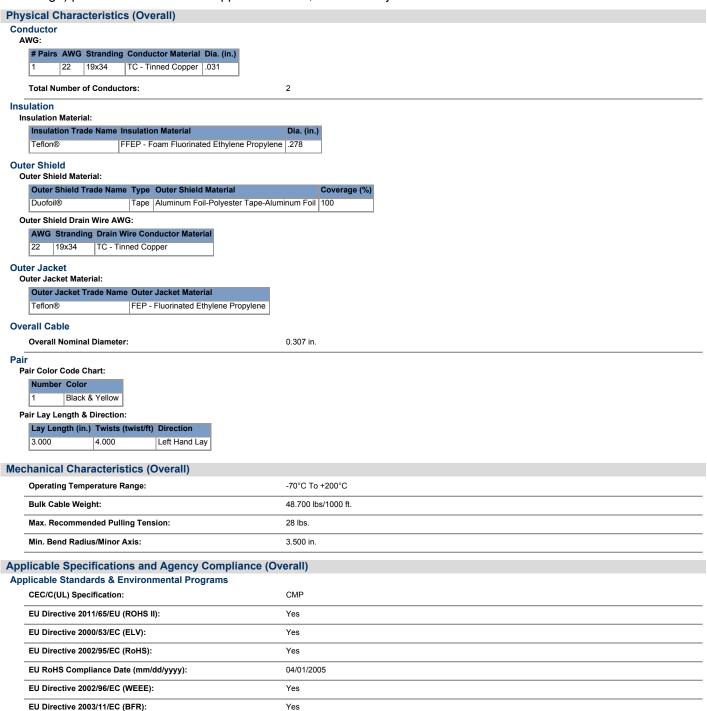
For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (19x34) tinned copper conductors, foam FEP Teflon® insulation, Duofoil® (100% coverage) plus a stranded tinned copper drain wire, FEP Teflon jacket.



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CA Prop 65 (CJ for Wire & Cable):	Yes	
MII Order #39 (China RoHS):	Yes	
Flame Test		
UL Flame Test:	NFPA 262	
C(UL) Flame Test:	FT6	
Plenum/Non-Plenum		
Plenum (Y/N):	Yes	
Non-Plenum Number:	9182	

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 150

Nom. Inductance:

Inductance (µH/ft) 0.29

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 8.8

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
16.5

Nominal Velocity of Propagation:

VP (%)

Nominal Delay:

Delay (ns/ft) 1.3

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 14.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.3

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.4
10	1.2
50	2.7
100	4.3
200	6.2
400	8.8

Max. Operating Voltage - UL:

Voltage 300 V RMS (CMP) 150 V RMS (CL2P)

Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc. Other MaximumContinuous Currrents: 2.9 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89182 0085000	5,000 FT	255.000 LB	GRAY	С	2 #22 FFEP FS FEP
89182 0101000	1,000 FT	53.000 LB	BLACK	С	2 #22 FFEP FS FEP
89182 010500	500 FT	28.000 LB	BLACK	С	2 #22 FFEP FS FEP
89182 0105000	5,000 FT	255.000 LB	BLACK		2 #22 FFEP FS FEP
89182 0605000	5,000 FT	0.000	CHROME		2 #22 FFEP FS FEP

Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 1 Revision Date: 04-17-2008

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