Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9182 Twinax - Twinaxial Cable

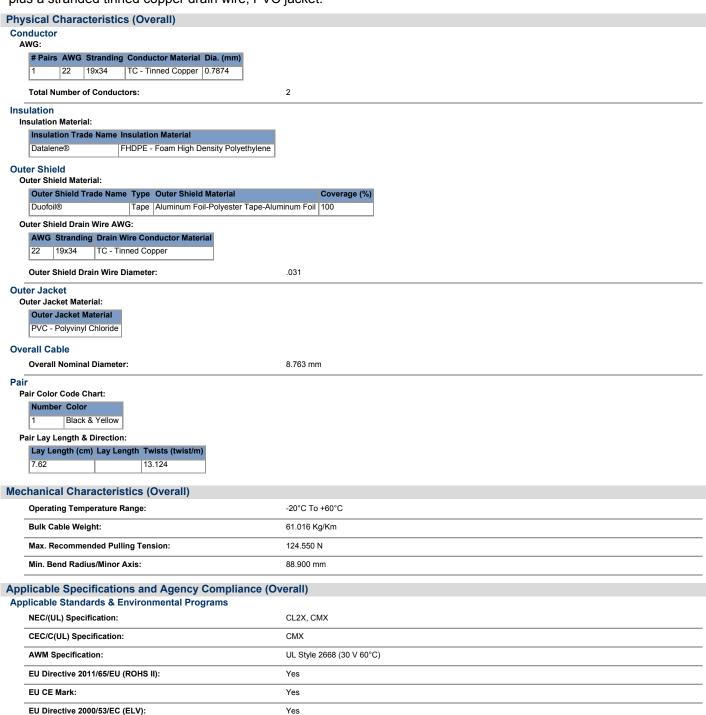
For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (19x34) tinned copper conductors, Datalene® insulation, Duofoil® (100% Coverage) plus a stranded tinned copper drain wire, PVC jacket.



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EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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:	VW-1
Suitability	
Suitability - Indoor:	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No
Plenum Number:	89182

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 28.8728

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 54.1365

Nominal Velocity of Propagation:

VP (%) 78

Nominal Delay:

Delay (ns/m) 4.2653

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 58.238

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 58.238

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100m)
1	1.3124
10	3.9372
50	8.8587
100	14.1083
200	20.3422
400	28.8728

Max. Operating Voltage - UL:

Voltage 300 V RMS (CMX) 30 V RMS (UL AWM Style 2668) 150 V RMS (CL2X)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9182 010U500	500 FT	21.500 LB	BLACK		2 #22 FHDPE SHLD PVC
9182 0101000	1,000 FT	44.000 LB	BLACK	С	2 #22 FHDPE SHLD PVC
9182 010500	500 FT	23.000 LB	BLACK	С	2 #22 FHDPE SHLD PVC
9182 0105000	5,000 FT	240.000 LB	BLACK	С	2 #22 FHDPE SHLD PVC

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Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-16-2012

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