Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9165 Composite - ENG, EFP and CCTV Cable



For more Information please call

1-800-Belden1



General Description:

3.281

6.890

9.843

24.279

10.000 50.000

100.000

400.000

22 AWG stranded (7x30) conductors, foam polyethylene (coax) and PVC (Pairs) insulation, coax w/BC braid shield (95% cverage), (3) STP, each pair w/Beldfoil shield, 22 AWG drain wire, PVC jacket.

braid shield (95% cverage), (3) STP, each pair	w/Beidfoil shield, 22 AWG drain wire, PVC jacket.
Coax	
Physical Characteristics Conductor AWG:	
# Coax AWG Stranding Conductor Material Dia. (mm) 1 22 7x30 BC - Bare Copper 0.762	
Insulation Insulation Material:	
Insulation Material Dia. (mm) FPE - Foam Polyethylene 3.708	
Inner Shield Inner Shield Material:	
TypeInner Shield Material% Coverage (%)BraidBC - Bare Copper95	
Applicable Specifications and Agency Compliance Applicable Standards & Environmental Programs	
EU CE Mark:	No
RG Type:	59/U
Electrical Characteristics Nom. Characteristic Impedance:	
Impedance (Ohm) 75	
Nom. Inductance: Inductance (µH/m) 0.295	
Nom. Capacitance Conductor to Shield: Capacitance (pF/m) 56.761	
Nominal Velocity of Propagation: VP (%) 78.000	
Nominal Delay: Delay (ns/m)	
4.265	
Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/km) 49.215	
Nom. Inner Shield DC Resistance:	
DCR @ 20°C (Ohm/km) 8.531	
Nom. Attenuation:	
Freq. (MHz) Attenuation (dB/100m)	
1.000 0.984	
5.000 2.297	

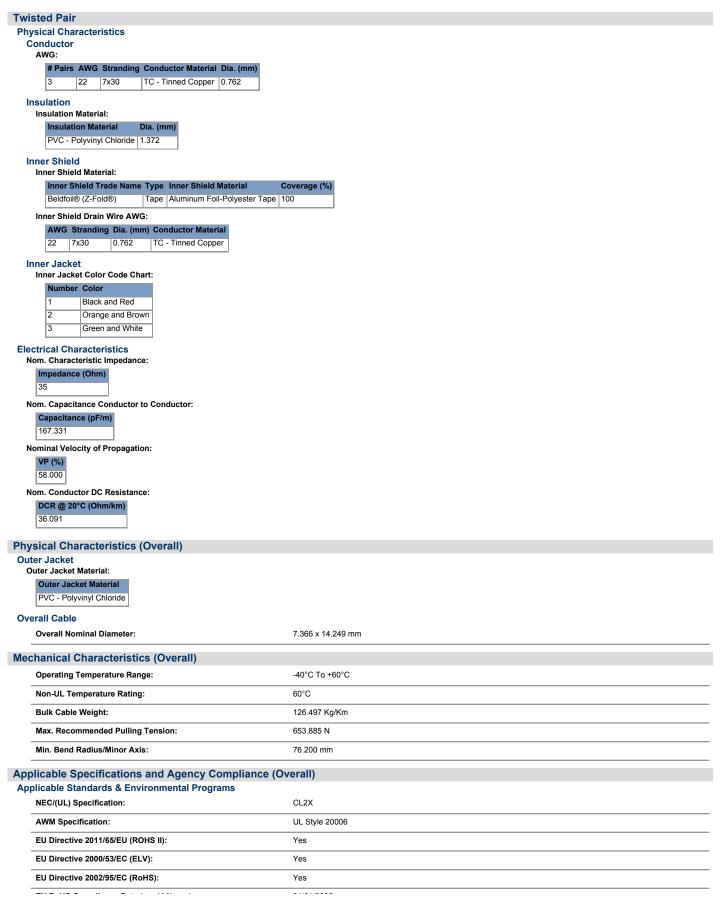
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage 30 V RMS

Notes (Overall)

Notes: Siamese Type Construction.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9165 0101000	1,000 FT	94.000 LB	BLACK	С	3 SH PR#22,1 75 OHM COAX
9165 010500	500 FT	50.000 LB	BLACK	С	3 SH PR#22,1 75 OHM COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 0 Revision Date: 08-27-2012

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