# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



### 9165 Composite - ENG, EFP and CCTV Cable



For more Information please call

1-800-Belden1



### **General Description:**

1.000

2.100

3.000

7.400

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/Beldfoil shield, 22 AWG drain wire, PVC jacket.
Coax	
Physical Characteristics Conductor AWG:	
# CoaxAWGStrandingConductor MaterialDia. (in.)1227x30BC - Bare Copper0.030	
Insulation Insulation Material:	
Insulation Material Dia. (in.)  FPE - Foam Polyethylene 0.146	
Inner Shield Inner Shield Material:	
Type Inner Shield Material % Coverage (%) Braid BC - Bare Copper 95	
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/ft) 0.090  Nom. Capacitance Conductor to Shield:  Capacitance (pF/ft) 17.300  Nominal Velocity of Propagation:  VP (%) 78.000  Nominal Delay: Delay (ns/ft) 1.300  Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 15.000  Nom. Inner Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft)	
2.600	
Nom. Attenuation: Freq. (MHz) Attenuation (dB/100 ft.)	
1.000   0.300	
5.000 0.700	

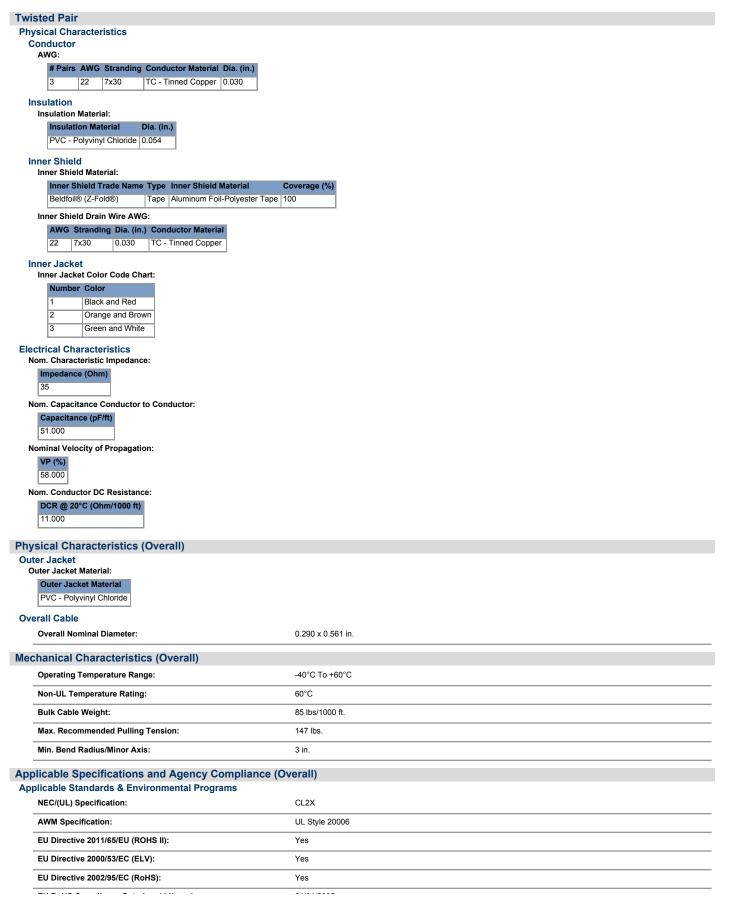
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Plenum/Non-Plenum	
Plenum (Y/N):	No

#### **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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