ENGLISH MEASUREMENT VERSION



9170 Composite - ENG and EFP Cable





For more Information please call

1-800-Belden1



Description:

12-conductor EFP and ENG camera cable, foam polyethylene (coax) and polypropylene (pairs) insulation, overall PVC jacket.

Coax

Physical Characteristics

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	25	7x33	BC - Bare Copper	0.022

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.100

Inner Shield

Inner Shield Material:

	Inner Shield Material	• ,
Braid	TC - Tinned Copper	93

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	0.150

Inner Jacket Color Code Chart:

Number	Color
1	Black
2	Black with Hash Marks

Applicable Specifications and Agency Compliance Applicable Standards & Environmental Programs

EU CE Mark:

Electrical Characteristics

Nom. Characteristic Impedance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:

VP (%) 78.000

Nominal Delay:



Nom. Conductor DC Resistance:





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DCR @ 20°C (Ohm/1000 ft) 31.200

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 6.000

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.400
10.000	1.500
50.000	3.800
100.000	5.600
300.000	10.600
500.000	13.800

Max. Operating Voltage - Non-UL:

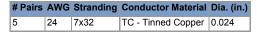
300 V RMS

Twisted Pair

Physical Characteristics

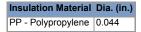
Conductor

AWG:



Insulation

Insulation Material:



Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG	Stranding	Dia. (in.)	Conductor Material
24	19x36	0.025	TC - Tinned Copper

Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Black and Red
2	Black and White
3	Black and Green
4	Black and Blue
5	Black and Yellow

Electrical Characteristics

Nom. Capacitance Conductor to Conductor:



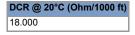
Nominal Velocity of Propagation:



Nominal Delay:



Nom. Inner Shield DC Resistance:









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Max. Operating Voltage - Non-UL:

VoltageDescriptionnull300 V RMS

Physical Characteristics (Overall)

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.490 in.

Me	Mechanical Characteristics (Overall)				
	Operating Temperature Range:	-50°C To +75°C			
	Non-UL Temperature Rating:	75°C			
	Bulk Cable Weight:	105.000 lbs/1000 ft.			
	Max. Recommended Pulling Tension:	109.000 lbs.			
	Min. Bend Radius (Install)/Minor Axis:	6.000 in.			

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2000/53/EC (ELV):	Yes	
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	
Plenum/Non-Plenum		
Plenum (Y/N):	No	

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item # Putup Ship We	ight Color	Notes Item D	Desc
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