

9262 Composite - Cables for TV Cameras and CCTV



For more Information
please call

1-800-Belden1



General Description:

13 conductor (1 coax, 12 cond), remote control and video cable, foam polyethylene (coax) and PVC (cond) insulation, coax: BC braid (95% coverage), overall TC braid (80% coverage), overall PVC jacket.

Coax

Physical Characteristics

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	7x30	TC - Tinned Copper	.031

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	.146

Inner Shield

Inner Shield Material:

Type	Inner Shield Material	% Coverage (%)
Braid	BC - Bare Copper	95

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.208

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance (Ohm)
75

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
17.3

Nominal Velocity of Propagation:

VP (%)
78

Nominal Delay:

Delay (ns/ft)
1.3

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
14.4

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.55

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
.5	.2
1	.29
5	.67
10	.95
100	3.1
200	4.4
400	6.3

Max. Operating Voltage - UL:

300 V RMS

Twisted Pair
Physical Characteristics
 Individual Shield
Multi Conductor
Physical Characteristics
 Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
12	20	7x28	TC - Tinned Copper	0.038

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	.070

Electrical Characteristics

Max. Operating Voltage - UL:

Voltage	Voltage
300 V RMS	300 V RMS

Physical Characteristics (Overall)**Outer Shield**

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	80

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.460 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	150 lbs/1000 ft.
Max. Recommended Pulling Tension:	305 lbs.
Min. Bend Radius/Minor Axis:	4.750 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CL2X
AWM Specification:	UL Style 1007 (singles), UL Style 1354 (Coax), UL Style 2594 (Overall)
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
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
MIL Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage
300 V RMS

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
9262 008100	100 FT	16.700 LB	GRAY		12#20,1#22,PVC,FPE S PVC
9262 0081000	1,000 FT	157.000 LB	GRAY	C	12#20,1#22,PVC,FPE S PVC

Notes:

C = CRATE REEL PUT-UP.

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