

2505PTZ Composite - For PTZ Camercas: CCTV + Control + Power

For more Information
please call

1-800-Belden1



**Picture
Not Available**

Description:

(1) coax-20 AWG solid BC cond., gas-injected foam HDPE insul., 95% BC braid shield, PVC jkt., cabled with (1) pair -18 AWG stranded (7x26) BC cond., PVC insul. Beldfoil Shielded, PVC jkt., cabled with (2) cond., 16 AWG (19x29) BC cond., PVC insul., PVC

Coax**Physical Characteristics****Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	Solid	BC - Bare Copper	0.032

Insulation**Insulation Material:**

Insulation Material	Dia. (in.)
Gas-injected FHDPE - Foam High Density Polyethylene	0.145

Outer Shield**Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95.000

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
0.232

Outer Jacket Color Code Chart:

Number	Color
1	Black

Applicable Specifications and Agency Compliance**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 06/08/2007

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

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RG Type: 59/U

Flame Test

UL Flame Test: UL1685 Vertical Tray Flame Test

Suitability

Suitability - Indoor: Yes

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance (Ohm)

75

Nom. Inductance:

Inductance (μH/ft)

0.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.300

Nominal Velocity of Propagation:

VP (%)

83.000

Nominal Delay:

Delay (ns/ft)

1.220

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.000

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.500

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.300
5.000	0.650
10.000	0.900
50.000	1.900
100.000	2.600
200.000	3.600
400.000	5.000
700.000	7.000
900.000	8.000
1000.000	8.500

Max. Operating Voltage - UL: 300 V RMS

Twisted Pair

Physical Characteristics

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	18	7x26	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material

PVC - Polyvinyl Chloride

Twisted Pair Color Code Chart:

Number Color

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1	Black
2	Red

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	Conductor Material
20	7x28	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Diameter:

Nom. Dia. (in.)
0.165

Outer Jacket Color Code Chart:

Number	Color
1	Gray

Applicable Specifications and Agency Compliance**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMR
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CEC/C(UL) Specification:	CMG
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Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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Suitability

Suitability - Indoor:	Yes
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Electrical Characteristics**Max. Operating Voltage - Other:**

Voltage
300 V RMS

Multi Conductor**Physical Characteristics****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	16	19x29	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material
PVC - Polyvinyl Chloride

Insulation Color Code Chart:

Number	Color
1	Red
2	Black

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Color Code Chart:

Number	Color
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1	White
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Applicable Specifications and Agency Compliance
Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
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CEC/C(UL) Specification:	CMG
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Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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Suitability

Suitability - Indoor:	Yes
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Electrical Characteristics**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
4.200

Max. Operating Voltage - Other:

Voltage
300 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Physical Characteristics (Overall)**Conductor****Outer Shield**

Outer Shield Separator Material:	Polyester
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Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
Unjacketed

Armor

Armor Type:	Interlocking
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Armor Material:	Aluminum
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Overall Cable

Overall Nominal Diameter:	0.496 in.
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Mechanical Characteristics (Overall)

Operating Temperature Range:	-10°C To +75°C
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Separation Temperature Range:	0°C To +75°C
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Max. Recommended Pulling Tension:	210 lbs.
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Min. Bend Radius (Install)/Minor Axis:	9.500 in.
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Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	06/08/2007
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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2505PTZ Composite - For PTZ Camercas: CCTV + Control + Power**Plenum/Non-Plenum**

Plenum (Y/N): No

Notes (Overall)

Notes: RG59 CCTV + 2C 18 AWG Shld + 2 C 16 AWG CMR. Individually jacketed and color coded components, cabled with an overall aluminum interlocked armor.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
2505PTZ 0001000	1,000 FT	166.000 LB	NONE	C	COMPOSITE CABLE ALUM ARMOR

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 0 Revision Date: 03-17-2008

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