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please call

1-800-Belden1



### General Description:

Lighting & Automation Cable, Plenum-CMP, 2-18 AWG bare copper conductors unshielded, FEP insulation (power) and 1 (data) pair 22 AWG stranded bare copper, FEP insulation, Beldfoil® shield w drain, Flammarrest® jacket.

### Usage (Overall)

Suitable Applications: Automation/Control

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	1	22	7x30	BC - Bare Copper
2		18	19x30	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	AWG
FFEP - Foam Fluorinated Ethylene Propylene	22
PVC - Polyvinyl Chloride	18

#### Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Stranding	Dia. (mm)	Conductor Material
22 AWG Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100			

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: No

#### Overall Cable

Overall Nominal Diameter: 5.207 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Blue & White
2	Red & Black

### Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 60°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 46.134 Kg/Km

Max. Recommended Pulling Tension: 300.698 N

Min. Bend Radius/Minor Axis: 57.150 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
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):	06/28/2012
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:	NFPA 262
C(UL) Flame Test:	FT6

#### Suitability

Suitability - Indoor:	Yes
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#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1392A

### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Description	Impedance (Ohm)
22 AWG Pair	100

#### Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/m)
22 AWG Pair	45.934
18 AWG Pair	95.149

#### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/km)
22 AWG	53.4803
18 AWG	22.6389

#### Max. Operating Voltage - UL:

Voltage
300 V RMS

#### Max. Recommended Current:

Description	Current
22 AWG	3.8 Amps per conductor @ 25°C
18 AWG	7.2 Amps per conductor @ 25°C

### Notes (Overall)

**Notes:** Sequential footage marking every two feet.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1392P 0101000	1,000 FT	30.000 LB	BLACK		COMPOSITE CABLE FS FLRST
1392P 010500	500 FT	16.000 LB	BLACK		COMPOSITE CABLE FS FLRST
1392P 8771000	1,000 FT	30.000 LB	NATURAL		COMPOSITE CABLE FS FLRST
1392P 877500	500 FT	16.000 LB	NATURAL		COMPOSITE CABLE FS FLRST

## METRIC MEASUREMENT VERSION

### 1392P Multi-Conductor - Media, Automation and Lighting Control

Revision Number: 2    Revision Date: 11-14-2013

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