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1-800-Belden1



### General Description:

Lighting & Automation Cable, Riser-CMR, 2-18 AWG bare copper conductors unshielded, PVC insulation (power) and 1 (data) pair 22 AWG stranded bare copper, PVC insulation, Beldfoil® shield w drain, PVC 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	16x30	BC - Bare Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	AWG
S-R PVC - Semi-Rigid Polyvinyl Chloride	22
FPE - Foam Polyethylene	18

#### Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material
22 AWG Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape

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: 6.350 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Blue & White
2	Red & Black

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +75°C

UL Temperature Rating: 60°C

Non-UL Temperature Rating: 75°C

Bulk Cable Weight: 59.528 Kg/Km

Max. Recommended Pulling Tension: 266.002 N

Min. Bend Radius/Minor Axis: 63.500 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/UL Specification:	CMR
CEC/C(UL) Specification:	CMG
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 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:	UL1666 Vertical Tray, UL1685 Vertical Tray Flame Test
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

#### Suitability

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

Plenum (Y/N):	No
Plenum Number:	1392P

### 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
1392A G751000	1,000 FT	40.000 LB	AQUA		COMPOSITE CABLE FS FRPVC
1392A G75500	500 FT	20.500 LB	AQUA		COMPOSITE CABLE FS FRPVC
1392A 0091000	1,000 FT	40.000 LB	WHITE		COMPOSITE CABLE FS FRPVC
1392A 009500	500 FT	20.500 LB	WHITE		COMPOSITE CABLE FS FRPVC
1392A 0101000	1,000 FT	40.000 LB	BLACK		COMPOSITE CABLE FS FRPVC
1392A 010500	500 FT	20.500 LB	BLACK		COMPOSITE CABLE FS FRPVC

## METRIC MEASUREMENT VERSION

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

Revision Number: 1    Revision Date: 11-14-2013

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