



**Part Number:** 1392A

Media Control, #18-2c BC, #22-1pr BC, CMR

## Product Description

Lighting & Automation Cable, Riser-CMR, 2-18 AWG bare copper conductors unshielded, PVC insulation (power) and 1 shielded (data) pair 22 AWG stranded bare copper, PVC insulation, PVC jacket.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Riser
Suitable Applications:	Automation/Control

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
22	7x30	BC - Bare Copper	2	1
18	16x30	BC - Bare Copper	2	1

Conductor Count:	4
Total Number of Pairs:	1

#### Insulation

Element	Material	Nominal Diameter	Nominal Wall Thickness
22	S-R PVC - Semi-Rigid Polyvinyl Chloride	0.073 in	0.013 in
18	FPE - Foamed Polyethylene	0.079 in	0.025 in

#### Color Chart

Number	Color
1	Blue & White
2	Red & Black

#### Inner Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	22 AWG Pair	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	7x32

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.25 in	0.0385 in	No

### Electrical Characteristics

#### Conductor DCR

Element	Nominal Conductor DCR
22 AWG	16.3 Ohm/1000ft

18 AWG	6.9 Ohm/1000ft
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#### Capacitance

Element	Nom. Capacitance Conductor to Conductor
22 AWG Pair	14 pF/ft
18 AWG Pair	29 pF/ft

#### Impedance

Nominal Characteristic Impedance	Nominal Characteristic Impedance Description
100 Ohm	22 AWG Pair

#### Current

Element	Max. Recommended Current [A]
22 AWG	3.8 Amps per conductor @ 25°C
18 AWG	7.2 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V RMS

#### Temperature Range

Non-UL Temp Rating:	75°C
UL Temp Rating:	60°C
Operating Temp Range:	-30°C To +75°C

#### Mechanical Characteristics

Bulk Cable Weight:	40 lbs/1000ft
Max Recommended Pulling Tension:	59.8 lbs
Min Bend Radius/Minor Axis:	2.5 in

#### Standards

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

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Aerial:	No
Suitability - Burial:	No
Suitability - Hazardous Locations:	No
Suitability - Indoor:	Yes
Suitability - Outdoor:	No
Suitability - Sunlight Resistance:	No

#### Flammability, LS0H, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL1666 Vertical Tray, UL1685 Vertical Tray Flame Test
IEEE Flammability:	1202
UL voltage rating:	300 V RMS

#### Plenum/Non-Plenum

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

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**Variants**

Item #	Color	UPC	Length
1392A G751000	Aqua	612825114154	1,000 ft
1392A G75500	Aqua	612825114161	500 ft
1392A 0101000	Black	612825114192	1,000 ft
1392A 010500	Black	612825114208	500 ft
1392A 0091000	White	612825114178	1,000 ft
1392A 009500	White	612825114185	500 ft

**Product Notes**

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

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Update and Revision:	Revision Number: 0.300 Revision Date: 08-22-2019
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