



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 (data) pair 22 AWG stranded bare copper, PVC insulation, Beldfoilshield w drain, 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
Conductor Size:	22 AWG

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 mm
						TC - Tinned Copper	

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

Capacitance

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

Shielding:	Composite - Multiple / Various
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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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Part Number

Variants

Item #	Color
1392A G751000	Aqua
1392A G75500	Aqua
1392A 0101000	Black
1392A 010500	Black
1392A 0091000	White
1392A 009500	White

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