Product: [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

Suitable Applications:	Automation/Control

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	22 AWG	7x30	BC - Bare Copper
Conductor(s)	2	18 AWG	16x30	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene (Foam)	0.025 in (0.64 mm)	0.079 in (2.0 mm)	White, Blue
Conductor(s)	PVC - Polyvinyl Chloride	0.013 in (0.33 mm)	0.073 in (1.9 mm)	Black, Red

Inner Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.0385 in (0.978 mm)	0.25 in	Yes

Overall Cable Diameter (Nominal):	0.25 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Conductor(s)	17.2 Ohm/1000ft	18.38 Ohm/1000ft (60.30 Ohm/km)	14 pF/ft (46 pF/m)	25.2 pF/ft (82.7 pF/m)	100 Ohm	6 Amps per Conductor at 30ºC
Conductor(s)	6.79 Ohm/1000ft (22.3 Ohm/km)		29 pF/ft (95 pF/m)			4.8 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in (64 mm)	2.5 in

Max. Pull Tension:	65.3 lbs (29.6 kg)
Bulk Cable Weight:	38lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Reaction to Fire:	UL1666 Riser, FT4, IEEE 1202 FT4
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	1392P

Product Notes

Notes:	Sequential footage marking every two feet.

History

Update and Revision:	Revision Number: 0.399 Revision Date: 04-08-2022

Part Numbers

Variants

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