

Type MC-VC (MC PCS) Commercial Lighting Cable



APPLICATION:

Priority Wire's MC-VC™ Commercial Lighting Cable is used for LED and Fluorescent dimming and SMART buildings, and is intended for use in non-shielded applications. MC-VC™ is suitable for use as branch circuits, feeders or lighting cable in both exposed and concealed environments or in cable trays in accordance with the applicable sections of the National Electrical Code.

CONDUCTORS:

- Solid soft drawn bare copper

INSULATION:

- Polyvinyl chloride (PVC) / nylon over coated type THHN/THWN insulation

GROUND:

- Solid soft drawn bare copper with a green polyvinyl chloride (PVC) / nylon over coated type THHN/THWN insulation

CONTROL CONDUCTORS:

- Two 16AWG type TFN insulated conductors twisted together with an overall blue Polyvinylchloride jacket to isolate the control conductors from the power conductors.

BINDING TAPE:

- The Control assembly, power conductors, and ground conductor are cabled together and securely wrapped with a mylar binding tape

ARMOR:

- Aluminum interlocking armor with a purple stripe is applied over the cable assembly

STANDARDS:

- UL standards 66, 83, 1569 and 1581
- UL Listed MC-PCS Cable
- NEC Articles 230-43, 300-22, 392, 396, 330, 518, 520, 530, 645 and 725
- Federal Specification A-A59544
- Class I Div. 2, Class II Div. 2 and Class III Div. 1 Div. 2 for hazardous locations

COLOR CODE:

Part Number	Power Conductor Color Code	Control Conductor Color Code
12-02MCA/VC	Black-White	Purple-Pink
12-03MCA/VC	Black-Red-White	Purple-Pink
10-02MCA/VC	Black-White	Purple-Pink

Additional color code available

Part Number	Power Description		Green Insulated Ground Size	Control Description		Armor Nominal Overall Diameter		Net Weight lbs/1000'
	Size	No. of Conductors		Size	No. of Conductors	inches	mm	
	AWG			AWG				
12-02MCA/VC	12	2	12	16	2	0.555	14.10	149
12-03MCA/VC	12	3	12	16	2	0.583	14.81	168
10-02MCA/VC	10	2	10	16	2	0.610	15.49	184

All values are nominal and subject to correction



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