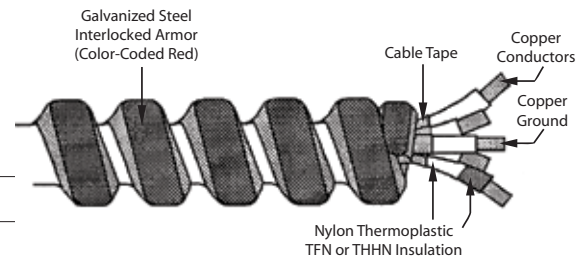


MC Cable - Fire Alarm/Control Cable™

Suitable for use in plenums, ducts or other spaces used for environmental air. Color-coded red. Standard sizes are 12-14 AWG.

Specifications

Armor	Galvanized, interlocking steel strip (red striped)
Conductors	Solid Copper
Insulation	TFN and/or THHN
Assembly Cover	Polyester assembly tape; optional laminated aluminum/Mylar® shield with tinned copper drain wire
Max. Temp. Rating	FPLP 105°C (dry) MC 90°C (dry)
Grounding	One or more grounding conductors may be bare or insulated green. <i>See chart below.</i>
Max. Voltage Rating	300V (FPLP)/600V (MC)



References and Ratings

- UL 62, 83, 1424, 1479, 1569, 1581 File Reference E80042
- NEC® 300.22(C), 392, 330, 430.2, 518, 530, 645, 725, 760, 760.71(D)
- Federal Specification A-A-59544 (formerly J-C-30B)
- NEC® Listed for Cable Tray
- One-, two- and three-hour through penetration Fire Wall Rated File R-14929
- NFPA 262 (formerly UL 910) Plenum Rated - FPLP

	Trade Size	Grounding Conductor AWG	Approx. Weight/1,000'(lbs)	Armor Min. O.D. (in)
Solid TFN	18-2 Solid	18 bare	115	.410
	18-4 Solid	18 bare	130	.430
	18-6 Solid	18 bare	170	.490
	18-8 Solid	18 bare	190	.510
	16-2 Solid	16 bare	130	.420
	16-4 Solid	16 bare	155	.440
	16-6 Solid	16 bare	205	.510
	16-8 Solid	16 bare	230	.520
Solid THHN	14-2 Solid	14 green	175	.470
	14-4 Solid	14 green	230	.510
	14-6 Solid	14 green	250	.520
	14-8 Solid	14 green	325	.585
	12-2 Solid	12 green	215	.495
	12-4 Solid	12 green	295	.565
Tw. Shielded Pairs	18-2 Solid (1 pair)	18 tinned***	120	.420
	18-2 Solid (1 pair) & 14-2 Solid (1 pr)	14 tinned***	290	.640
	16-2 Solid (1 pair)	16 tinned***	135	.430
	16-4 Solid (2 pair)	16 tinned***	160	.450
	16-2 Solid (1 pr) & add. green ground	16 green	190	.500
	16-2 Solid (1 pair) & 12-2 Solid unshielded**	12 green	280	.585
	14-2 Solid (1 pair)	14 green	170	.470
	14-4 Solid (2 pair)	14 green	230	.565
Specialty Colors	14-2 Solid (blue, white)	14 green	175	.470
	14-2 Solid (black, red)	14 green	175	.470
	14-2 Solid (orange, yellow)	14 green	175	.470
	14-2 Solid (gray, gray*)	14 green	175	.470
	14-4 Solid (blue, blue*, white, white*)	14 green	230	.510
	14-4 Solid (black, black*, red, red*)	14 green	230	.510

Stocking Sizes Color Codes

Conductor	120V Colors
2	black, white
4	black, white, red, blue
6	black, white, red, blue, yellow, orange
8	black, white, red, blue, yellow, orange, brown, purple

Note: All designations and weights are subject to normal manufacturing tolerances.

* with silver stripe

** 16-2 black/white, 16-2 black/red

*** Tinned copper drain/grounding conductor