

ARMORED FIRE ALARM CABLE

UL (FPLP) 300 VOLT, (MC) 600 VOLT

Construction

Conductor:

- Solid bare copper.

Insulation:

- TFN/THHN.

Assembly Covering:

- Mylar tape.

Shield:

- Aluminum mylar shield with tinned copper drain wire on part numbers 13720, 13721, 13722 and 13723 only.

Maximum Temperature Rating:

- FPLP 105°C (dry).
- MC 90°C (dry).

Ground Wire:

- Uninsulated bare copper.

Armor:

- Galvanized steel - spiral color code red™.

Maximum Voltage:

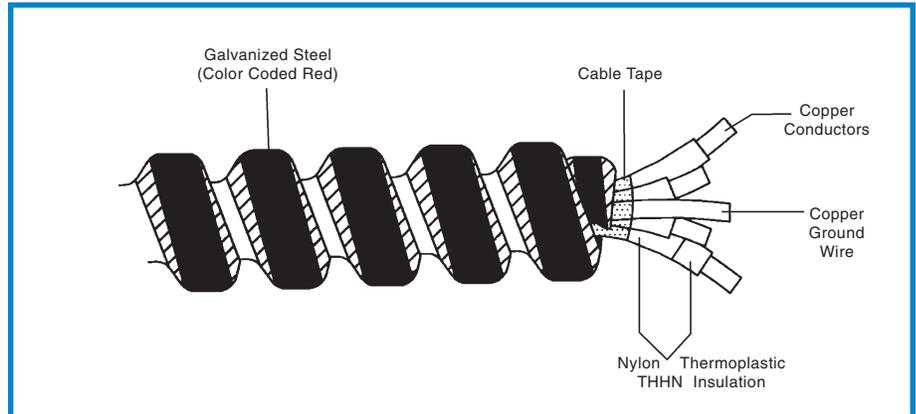
- 300 Volt (FPLP).
- 600 Volt (MC).

Industry Approvals:

- UL 66, 83, 1424, 1479, 1569 and 1581.
- NEC® 300-22(c), 330, 392, 430.2, 518, 530, 645, 725, 760, 760-51(d).
- Federal Specification A-A59544 (formerly J-C-30B).
- Passes UL Steiner Tunnel Test; Cable Tray and Plenum rated: 1, 2 and 3-hour through penetration Fire Wall rated.

Applications:

- Commercial/industrial/multi-residential/places of public assembly.
- Fire alarm wiring or remote control hook-up connecting main fire alarm control panel with pull stations, smoke detectors and alarms.
- Remote control circuits from magnetic motor starters, contactors, relays and signals.
- Exposed, concealed, in cable trays, ducts, plenums or other environmental air spaces.
- In hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (as specified in NEC® Articles 501, 502 and 503).



CUSTOM CATALOG NUMBER	SIZE/AWG	COPPER GROUNDING CONDUCTOR AWG	PUTUPS REEL LENGTH (feet)	APPROX. WEIGHT/ 1000 FT. (pounds)	ARMOR MINIMUM O.D. (inches)
UNSHIELDED					
13700	18-2 Solid	18 Bare	A, B, C, D	115	0.410
13701	18-4 Solid	18 Bare	A, B, C, D	130	0.430
13702	18-6 Solid	18 Bare	A, B, C, D	170	0.490
13703	18-8 Solid	18 Bare	A, B, C, D	190	0.510
13704	16-2 Solid	16 Bare	A, B, C, D	130	0.420
13705	16-4 Solid	16 Bare	A, B, C, D	155	0.440
13706	16-6 Solid	16 Bare	A, B, C, D	205	0.510
13707	16-8 Solid	16 Bare	A, B, C, D	230	0.520
13708	14-2 Solid	14 Green	A, B, C, D	175	0.450
13709	14-4 Solid	14 Green	A, B, C, D	230	0.510
13710	14-6 Solid	14 Green	A, B, C, D	250	0.520
13711	14-8 Solid	14 Green	A, B, C, D	325	0.585
13712	12-2 Solid	12 Green	A, B, C, D	215	0.495
13713	12-4 Solid	12 Green	A, B, C, D	295	0.565
SHIELDED					
13720	18-1 Pair Solid	18 Bare	A, B, C, D	120	0.420
13721	16-1 Pair Solid	16 Bare	A, B, C, D	135	0.430
13722	16-2 Pair Solid	16 Bare	A, B, C, D	160	0.450
13723	14-1 Pair Solid	14 Green	A, B, C, D	170	0.470

LENGTH

A. 1000 ft. reels B. 750 ft. reels C. 500 ft. reels. D. 250 ft. coils.

COLOR CODE

Conductor	Color
2	Black, White
4	Black, White, Red, Blue
6	Black, White, Red, Blue, Orange, Yellow
8	Black, White, Red, Blue, Orange, Yellow, Brown, Purple



Custom Cable Corp.