Red Alert® Type MC-FPLP Fire Alarm and Control

CONSTRUCTION:

Red Alert® Type MC - FPLP Cable is constructed with soft-drawn copper conductors and insulated with flame-retardant and heat-resistant PVC with an outer oil- and gasoline-resistant nylon jacket. Type THHN/THWN conductors are provided for sizes 14 AWG and 12 AWG cables

APPLICATIONS AND FEATURES:

Red Alert® Type MC-FPLP Cable is suitable for use as follows:

- Wiring in Plenums, Ducts or Other Spaces Used for Environmental Air-Handling Purposes per NEC 300.22(C) & 760.135(C).
- Power-Limited and Non-Power Limited fire alarm circuits, including smoke detectors, bells, horns, fire alarm control panel equipment, and initiation and signaling devices
- Class 1, Class 2, and Class 3 remote control, signaling, and power-limited circuits.
- Power, lighting, control, and signal circuits.
- Fished or embedded in plaster
- Concealed or exposed installations.
- Places of Assembly per NEC 518.4 and Theaters per NEC 520.5.
- Installation in cable tray and approved raceways.
- Under raised floors for information technology equipment conductors and cables per NEC 645.5(D) & 645.5(D)(2).

STANDARDS AND REFERECES:

Red Alert® Type MC-FPLP Cable meets or exceeds the following requirements:

- UL 83
- UL 1063
- UL 1569
- UL 1424
- UL Online Product Guide Info - Metal-Clad Cable (PJAZ) (www.ul.com)
- NFPA 262-2002 Standard Method of Test For Flame and Smoke of Wire and Cables for Use in AirHandling Spaces
- Federal Specification A-A59544 (formerly J-C-30B)
- IEEE 1202 (70,000 Btu/hr) Vertical Cable Tray Flame Test
- NFPA 70 (National Electric Code)
- Approved for the State of Rhode Island Fire Systems
- Listed for use in UL 1, 2, and 3 Hour Through-Penetration Firestop Systems

- REACH/RoHS-2 (Chemical Limit) Compliant

CABLE SIZE	CABLE SIZE UOM	NUMBER OF CONDUCTORS	GROUND SIZE	GROUND SIZE UOM	COLOR CODE 1	NOM. OD (MILS)	NOM. TOTAL WEIGHT (LBS/MFT)
14	AWG	2	14	AWG	BLACK/WHITE/ GREEN GRND	438.5	88.914441

Southwire®