

Armorlite®

Type MC PVC Jacketed Copper XHHW Feeder Cable

1 AWG through 750 kcmil Copper XHHW-2 Insulated Power Feeder Conductors. Insulated Copper Grounding Conductor. UL Listed. 600 Volts. Rated VW-1. Lightweight Aluminum Interlocked Armor with Overall PVC Jacket.

APPLICATIONS

Suitable for use as follows:

- Wet Location rated per NEC 330.10(11)(C)
- Direct burial applications, installation in concrete and where exposed to cinder fills, strong chlorides, caustic alkalis, or vapors of chlorine or of hydrochloric acids.
- Branch, feeder and service power distribution under high ambient temperatures in commercial, industrial, institutional, and multi-residential buildings.
- 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.
- As aerial cable on a messenger.
- 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).
- Class I Div. 2, Class II Div 2, & Class III Div. 1 Hazardous Locations.

STANDARDS & REFERENCES

Southwire Type MC- PVC Jacketed Copper Feeder Cable meets or exceeds the following requirements:

- UL 44
- UL 1569
- UL Online Product Guide Info - Metal-Clad Cable (PJAZ) (www.ul.com)
- ICEA S-95-658 (NEMA WC70)
- Federal Specification A-A59544 (formerly J-C-30B)
- IEEE 1202 (70,000 Btu/hr) Vertical Cable Tray Flame Test
- NFPA 70 (National Electrical Code), Article 330
- Listed for use in UL 1, 2, and 3 Hour Through-Penetration Firestop Systems
- REACH/RoHS-2 (Chemical Limit) Compliant

CONSTRUCTION

Southwire Type MC Cable -PVC Jacketed Copper Feeder Cable is constructed with Copper Type XHHW-2 conductors rated 90°C wet or dry, and a insulated copper grounding conductor. The conductors are cabled together and a binder tape is wrapped around the assembly. Aluminum interlocking armor is applied over the assembly. A black, flame retardant, sunlight resistant, PVC jacket is applied over the armor. Print legend is applied to the binder tape as well as the overall PVC jacket.



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Armorlite® Type MC - PVC Jacketed - Copper Conductors

CONDUCTOR SIZE AND COLORS	GROUNDING SIZE AND COLOR	STOCK NUMBER	WEIGHT (LBS/1000')	OVERALL DIAMETER (INCHES)
SOLID CONDUCTOR COLORS 120/208V				
600-4 STRANDED XHHW (RED, YELLOW, BLUE, GRAY)	1/0 STRANDED (GREEN)	N/A	Approximate 8790	2.85 (+/- .1)
2-4 STRANDED XHHW (BLACK, RED, BLUE, WHITE)	3 STRANDED (GREEN)	N/A	Approximate 1400	1.40 (+/- .2)
For allowable ampacities, refer to NEC 310.15. Available with oversized grounding conductor when used for parallel feeds on special orders. Available in sizes up to 900 MCM				

FEATURES

- Available with Southwire pulling heads and on stacked reels
- Available in custom constructions and lengths
- UL Classified 1, 2, and 3 hour Through Penetration Firestop Systems: W-J-3037, W-L-3110, W UL Classified 1, 2, and 3 hour Through Penetration Firestop Systems: W-J-3037, W-L-3110, W-L-3113, W-L-3117, W-L-3120, W-L-3121, W-L-3160, C-AJ-3115, C-AJ-3140, C-AJ-3142, C-AJ-3145, C-AJ-3173, C-AJ-3202, C-AJ-4065, C-AJ-4066, F-C-3038.
- Anti-short bushings are not required for use with MC cable per the NEC and UL

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