

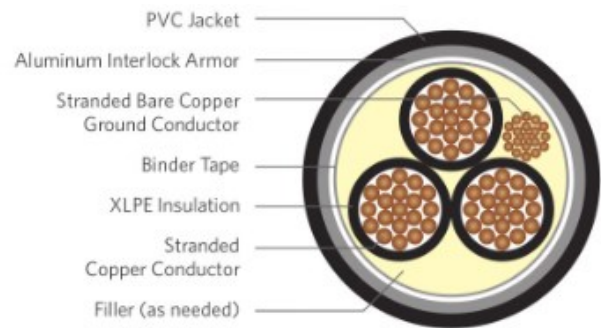
## XLPE/AIA/PVC, 600V Power, Type MC, Silicone- and PFAS-Free

### DESCRIPTION

This specification covers cables that consist of three fully annealed bare copper Class B stranded conductors, Insulated with cross-linked polyethylene (XLPE), a bare ground, covered with a binder tape, aluminum interlock armored (AIA), and a black PVC jacket.

### APPLICATIONS

- For commercial, industrial, and utility applications
- For wet or dry locations.
- In free air, raceways, and direct burial
- Approved for Class I, Div. 2, Class II, Div. 2, and Class III Div. 1, industrial hazardous locations per NEC.
- Rated at 90°C wet or dry locations
- Excellent sunlight resistance
- Meets cold bend test at -25°C
- Flame Compliances FT4/IEEE 1202



### CONSTRUCTION

<b>CONDUCTOR COUNT &amp; SIZE</b>	Three conductors; 350 kcmil
<b>CONDUCTOR</b>	Fully annealed bare copper Class B compressed strand per ASTM B8
<b>INSULATION</b>	Cross-linked Polyethylene (XLPE) Type XHHW-2
<b>COLOR CODING</b>	Per ICEA S-58-679 Method M4
<b>FILLERS</b>	Non-hygroscopic fillers as necessary to obtain a circular cross section
<b>GROUND</b>	Uninsulated, fully annealed, bare copper Class B, compressed strand
<b>JACKET MARKING</b>	00000 FT LS CABLE XX AWG (KCMIL) X/C WITH GND XHHW-2 PVC JKT 600V 90C WET OR DRY TYPE AIA TYPE MC (UL) SUN RES FOR CT USE DIR BUR FT4/IEEE 1202 MADE IN USA MM/DD/YYYY
<b>PACKING</b>	Non-returnable wood reels

### STANDARDS (Compliance)

<b>PERFORMANCE</b>	ASTM B3   ASTM B8 UL 44 UL 1569 UL 1581 UL 1685 (flame exposure test) FT4/IEEE 1202 (flame compliance) ANSI/NEMA WC 70/ICEA S-95-658
<b>OTHER</b>	RoHS-compliant/RoHS 2-compliant REACH-compliant

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SPECIFICATIONS							
Part Number	Conductor Count	Conductor Size (AWG/kcmil)	Ground Size (AWG)	Insulation Thickness (in.)	Jacket Thickness (in)	Approx. O.D (in)	Approx. Weight (lbs/kft)
C6XP-35CB-03CGE-1AA-Q	3	350	1/0	0.070	0.065	2.21	4,854

The dimensions and weights shown are approximate and subject to industry standards. Other designs available upon request.