

## Description

Multiconductor cable with stranded copper or aluminum conductors, extruded high dielectric strength cross-linked polyethylene (XLPE) insulation, Type XHHW-2, cabled with bare grounding conductor(s) and fillers, a separator tape, and an aluminum interlocked armor (AIA) or galvanized steel interlocked armor (GSIA).

## Specifications

**UL** UL 44

**UL** UL 1569

**IEEE** IEEE 383 Flame Test

## Ratings

Type XHHW-2

Type MC  
For CT USE

For 90°C Dry Operation only.

## Design Parameters

### Conductor

- Class B Compact concentric strand Series 8000 Aluminum or Soft drawn copper (shown below) per ASTM.

### Insulation

- Unfilled, flame-retardant, high dielectric strength cross-linked polyethylene (XLPE) insulation, exhibiting an optimum balance of electrical characteristics assuring extended cable life and striped for identification.

### Grounding Conductor(s)

- Bare stranded aluminum or copper conductor(s) in the interstice(s) per UL and ICEA. UL Listed cables must have grounding conductor(s).

### Assembly

- Insulated conductors cabled with grounding conductor(s) (as specified) and optional fillers. A separator tape is applied to enhance the manufacturing process.

### Armor

- Aluminum interlocked armor (AIA) applied over the cable core.

## Options

- Multiple grounding conductors
- Overall Jackets (colored, PVC, CPE, Oil Resistant)
- Fillers (as shown below)
- Compressed stranded conductors
- RHH/RHW-2 Insulation
- Galvanized Steel Interlocking Armor

## Installations

Industrial

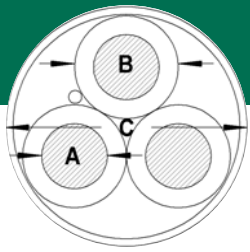
Isolated in Air

In Cable Tray

Dry Locations

Conduit in Air





# MULTICONDUCTOR XLPE MC

## 600 Volt

Product Number	Conductor	Insulation Thickness (mil)		Ground Wires		Conductor Diameter (in.)			Insulation Diameter (in.)	Overall Diameter (in.)	Weight (lbs/ft)	Minimum Bending Radius (in.)	† Ampacity (Amps)
		No.	Size	(A)	(B)	(C)	90°C						
<b>600 Volt Aluminum Three Conductor AIA</b>													
QXU375A	4 AWG AL	45	1	6 AWG	0.215	0.31	0.90	321	7	75			
QXU376A	2 AWG AL	45	1	6 AWG	0.266	0.36	0.98	415	7	100			
307353A	1 AWG AL	55	1	4 AWG	0.299	0.42	1.11	527	8	115			
307350A	1/0 AWG AL	55	1	4 AWG	0.336	0.45	1.19	608	9	135			
307493A	2/0 AWG AL	55	1	4 AWG	0.379	0.50	1.28	709	9	150			
307603A	3/0 AWG AL	55	1	4 AWG	0.423	0.54	1.38	841	10	175			
307497A	4/0 AWG AL	55	1	2 AWG	0.479	0.60	1.50	1010	11	205			
307494A	250 MCM AL	65	1	2 AWG	0.520	0.66	1.66	1197	12	230			
307495A	350 MCM AL	65	1	2 AWG	0.622	0.76	1.90	1585	14	280			
307496A	500 MCM AL	65	1	1 AWG	0.742	0.88	2.16	2113	16	350			
QXU400A	600 MCM AL	80	1	1 AWG	0.813	0.98	2.38	2537	17	385			
307498A	750 MCM AL	80	1	1/0 AWG	0.917	1.09	2.60	3030	19	435			

Information Subject to Change without Notice.

**PRODUCT NOTES:**

▲ Items are Prysmian authorized stock.  
The above dimensions are approximate and subject to normal manufacturing tolerances.

†Ampacities are based on the following:

NEC Table 310-16: Insulated three conductor cable installed in raceway or cable in free air or earth (directly buried), 30°C ambient air temperature, and 90°C conductor operating temperatures.



1-800-845-8507 (US)  
1-800-263-4405 (West-CAN)  
1-800-361-1418 (East-CAN)

www.prysmianusa.com  
www.prysmiancanada.com