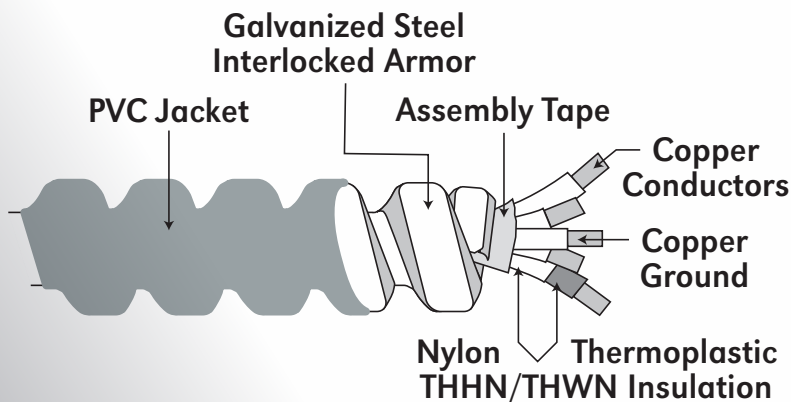


THE PERFECT FIT



A PART OF **atkore**
INTERNATIONAL

AFC Parking Deck/Lot MC Cable™ and Connectors

Get more info at afcweb.com

Cables



PARKING DECK/LOT CABLE™ TYPE MC

- The fastest alternative to PVC conduit installations
- Cable approved for wet locations, in concrete, or direct burial in earth, sunlight resistant PVC jacket

ASSEMBLY

- Polypropylene Tape

TEMPERATURE RATING

- 90°C (dry); 75°C (wet)

VOLTAGE

- Maximum Voltage Rating 600V

GROUNDING

- Insulated Green Copper Grounding Conductor

DESCRIPTION

- Armor & Jacket: Galvanized Interlocking Steel Strip with gray PVC jacket. Other jacket colors available by special order
- Conductors: Solid/Stranded Copper (see below)
- Conductor Insulation: THHN/THWN
- Neutral Conductors: White for 120/208V circuits
Grey for 480Y/277V circuits
- Polypropylene Tape

Connectors



PARKING DECK/LOT CABLE™ TYPE MC

- Raintight for outdoor applications
- UL listed for concrete encasement
- Priced Right "Raintight" Connectors
- AFC connectors now fit cable sizes 12/2 - 8/3

VOLTAGE

- Maximum Voltage Rating 600V

MATERIAL

- Zinc die cast with external knockout gasket

DESCRIPTION

- Connector: Reasonably priced connectors that are appropriate for use with PVC Jacket MC cable (Parking Deck/Lot Cable™)
- Fits cable sizes: 12/2 to 8/3 cable
- Max. Armor O.D. inch: Fits sizes .610 - .720
- Max. Armor with Jacket O.D. inch: Fits sizes .685 - .792
- Thread Type: Tapered Threads

PRODUCT CODES, TRADE SIZES, CONDUCTORS, PACKAGING & WEIGHTS

REFERENCES & RATINGS

- UL 83, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.5, 392, 396.10(A), 330, 501, 502, 503, 530, 504, 505, 511.7, 513.7(A), 514.7, 515.7(A), 516.7(A), 680.21(A)
- Federal Specification A-A-59544 (formerly J-C-30B)
- Passed 210,000 BTU Vertical Tray Flame Test
- UL listed for -40°C low temperature
- UL 1569 70,000 BTU and FT 4/ Vertical Tray Flame Tests IEEE 1202
- UL listed for Cable Tray use
- UL listed for Direct Burial including Concrete Encasement & wet locations
- UL listed Sunlight Resistant
- UL listed Oil Resistant II
- Hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (NEC® Articles 501, 502, 503, 530)
- Cable tray rated, install per NEC®
- Wet locations per NEC® 330.10(11)(C)

PRODUCT CODE STOCK ITEMS		TRADE SIZE	GROUNDING CONDUCTOR AWG	LENGTH (FEET)		APPROXIMATE WEIGHT/1000 FEET (LBS.)	ARMOR/JACKET MINIMUM O.D. (INCHES)
COIL	REEL			COIL	REEL		
120/208 V							
2304-42-00	2304-60-00	12-2 Solid (black, white)	12 (solid green)	250'	1000'	280	0.495/0.605
2305-42-00	2305-60-00	12-3 Solid (black, red, white)	12 (solid green)	250'	1000'	320	0.530/0.640
2306-42-00	2306-60-00	12-4 Solid (black, blue, red, white)	12 (solid green)	250'	1000'	370	0.565/0.675
2307-42-00	2307-60-00	10-2 Solid (black, white)	10 (solid green)	250'	1000'	355	0.560/0.670
2308-42-00	2308-60-00	10-3 Solid (black, red, white)	10 (solid green)	250'	1000'	415	0.600/0.710
2309-42-00	2309-60-00	10-4 Solid (black, blue, red, white)	10 (solid green)	250'	1000'	480	0.645/0.755
2316-99-00	2316-99-00	8-3 Stranded (black, red, white)†	10 (stranded green)	—	—	560	0.685/0.795
2320-99-00	2320-99-00	6-3 Stranded (black, red, white)††	8 (stranded green)	—	—	805	0.855/0.965
480Y/277 V							
2304-42-01	2304-60-01	12-2 Solid (brown)	12 (solid green)	250'	1000'	280	0.495/0.605
2305-42-01	2305-60-01	12-3 Solid (brown, orange)	12 (solid green)	250'	1000'	320	0.530/0.640
2306-42-01	2306-60-01	12-4 Solid (brown, orange, yellow)	12 (solid green)	250'	1000'	370	0.565/0.675
2307-42-01	2307-60-01	10-2 Solid (brown)	10 (solid green)	250'	1000'	355	0.560/0.670
2308-42-01	2308-60-01	10-3 Solid (brown, orange)	10 (solid green)	250'	1000'	415	0.600/0.710
2309-42-01	2309-60-01	10-4 Solid (brown, orange, yellow)	10 (solid green)	250'	1000'	480	0.645/0.755

Note: All dimensions and weights subject to normal manufacturing tolerances. Non-stock items require lead time and minimum quantity order.

† Cut to length

PRODUCT CODES, TRADE SIZES, CONDUCTORS, PACKAGING & WEIGHTS

REFERENCES & RATINGS

- Tapered external NPT threads allow conductors to be installed in threaded boxes.
- UL listed "raintight" and concrete encasement.
- UL Standard UL 514B, File Reference Number E164166
- NEMA Standard: FB-1
- Simple installation starts by stripping back PVC jacket at the end of cable, loosen the nut, slip cable into the connector until cable is fully inserted, then tighten the connector nut

CATALOG NUMBER	PRODUCT CODE	THREAD SIZE (IN)	UNIT QUANTITY	STANDARD PACKAGE	WEIGHT/C POUNDS	DIMENSION A	DIMENSION B	DIMENSION C
AFC595-U	0124-15-00	1/2" Connector	15	60	11.7	1-3/4"	17/32"	1-7/32"
AFC595-I	0125-15-00	1/2" Insulated Connector	15	60	11.7	1-3/4"	17/32"	1-7/32"
AFC596-U	0126-15-00	1/2" Connector	15	60	16.5	1-3/4"	17/32"	1-9/32"
AFC596-I	0127-15-00	1/2" Insulated Connector	15	60	16.5	1-3/4"	17/32"	1-9/32"

Note: 90° Parking Deck/Lot Cable connectors: 895U uninsulated throat and 895I insulated throat available upon request. All dimensions and weights are subject to normal manufacturing tolerances.