

More  
Connector  
Sizes  
Now  
Available

# THE PERFECT FIT



**AFC**

CABLE SYSTEMS

AFC Parking Deck/Lot  
Cable™ Connectors now available in more sizes  
for AFC Parking Deck/Lot MC Cable™



Cable & Connector Listed for  
Incasement in Concrete



Cable Listed for  
Direct Burial



Cable & Connector Listed for  
Pool Motors/Landscape Lights

## 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

## Parking Deck/Lot Cable Connectors

- Raintight for outdoor applications
- U.L. listed for concrete encasement
- Priced Right “Raintight” Connectors
- AFC connectors now fit cable sizes 12/2 - 8/3

Call for more information at 800-757-6996, or visit [www.afcweb.com](http://www.afcweb.com)

**tyco**  
Electrical &  
Metal Products

# Parking Deck/Lot Cable™ Connectors

(Connector not approved for use in direct burial applications)

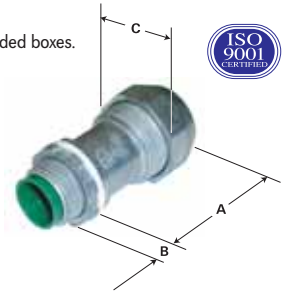
## Specification Description

<b>Specification</b>	<b>PVC Jacketed Cable Connector</b>
MC Cable Connector	Reasonably priced connectors that are appropriate for use with PVC Jacket MC cable (Parking Deck/Lot Cable™).
Fits cable sizes	1/2" 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
Material	Zinc die cast with external knockout gasket.

## References & Ratings

- Tapered external NPT threads allow conductors to be installed in threaded boxes.
- UL-listed "raintight" and concrete incasement.
- U.L. Standard UL-514B, File Reference Number E202876
- NEMA Standard: FB-1
- UNSPEC: 30211709
- 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.

- ☆ Fits sizes 1/2 - 10/3
- ☆☆ Fits sizes 10/4 - 8/3



## Product Codes, Trade Sizes, Conductors, Packaging & Weights

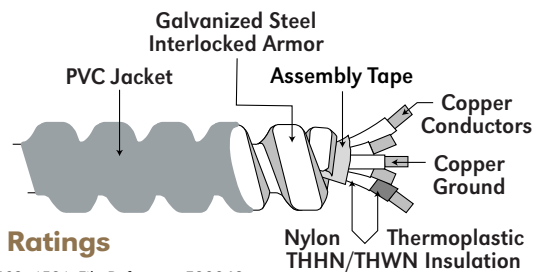
### Connector Dimensions

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"

# Parking Deck/Lot Cable™ Type MC

## Specification Description

<b>Specification</b>	<b>Parking Deck/Lot Cable</b>
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**
Assembly Covering	Polypropylene Tape
Maximum Temperature Rating	90°C (dry); 75°C (wet)
Grounding	Insulated Green Grounding Conductor
Neutral Conductors	White for 120V circuits Gray for 480Y/277V circuits
Maximum Voltage Rating	600V



## References & Ratings

- U.L. 66, 83, 1479, 1569, 1581, File Reference E80042
- NEC 230.43, 300.5, 392, 396.10(A), 330, 501, 502, 503, 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)
- Passes 210,000 BTU Vertical Tray Flame Test
- U.L. listed for Cable Tray use and FT4
- U.L. listed for Concrete Encasement
- U.L. listed Sunlight Resistant
- U.L. listed Oil Resistant II
- Hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (NEC Articles 501, 502, 503)



## Product Codes, Trade Sizes, Conductors, Packaging & Weights (Non-stock sizes available in MC/AC Catalog)

Product Code	Stock Items	Trade Size	Grounding Conductor AWG	Length (feet)		Approx. Weight/1000 Feet (lbs.)	Armor/Jacket Minimum O.D. (inches)
				Coil	Reel		
<b>120 Volt</b>							
2304-42-00	2304-60-00	12-2 Solid	12	250'	1000'	280	0.495/0.605
2305-42-00	2305-60-00	12-3 Solid	12	250'	1000'	320	0.530/0.640
2306-42-00	2306-60-00	12-4 Solid	12	250'	1000'	370	0.565/0.675
2307-42-00	2307-60-00	10-2 Solid	10	250'	1000'	355	0.560/0.670
2308-42-00	2308-60-00	10-3 Solid	10	250'	1000'	415	0.600/0.710
2309-42-00	2309-60-00	10-4 Solid	10	250'	1000'	480	0.645/0.755
2316-99-00	2316-99-00	8-3 Stranded††	10	—	—	560	0.685/0.795
2320-99-00	2320-99-00	6-3 Stranded††	8	—	—	805	0.855/0.965
<b>480Y/277 Volt</b>							
2304-42-01	2304-60-01	12-2 Solid (brown)	12	250'	1000'	280	0.495/0.605
2305-42-01	2305-60-01	12-3 Solid (brown, orange)	12	250'	1000'	320	0.530/0.640
2306-42-01	2306-60-01	12-4 Solid (brown, orange, yellow)	12	250'	1000'	370	0.565/0.675
2307-42-01	2307-60-01	10-2 Solid (brown)	10	250'	1000'	355	0.560/0.670
2308-42-01	2308-60-01	10-3 Solid (brown, orange)	10	250'	1000'	415	0.600/0.710
2309-42-01	2309-60-01	10-4 Solid (brown, orange, yellow)	10	250'	1000'	480	0.645/0.755

Note: All dimensions and weights subject to normal manufacturing tolerances.

†† Cut to length.