

Parking Deck/Lot Cable

Interlocked Galvanized Steel Armor with Overall PVC Jacket - Type MC



Armor

- Interlocked Galvanized Steel Strip w/ Gray PVC Jacket

Conductors

- Solid or Stranded Copper

Conductors Insulation

- THHN/THWN

Assembly Covering

- Polypropylene Tape

Neutral Conductors

- White 120/208V
- Gray 277/480V

Grounding

- Insulated Green Copper Grounding Conductor

Maximum Temperature Rating

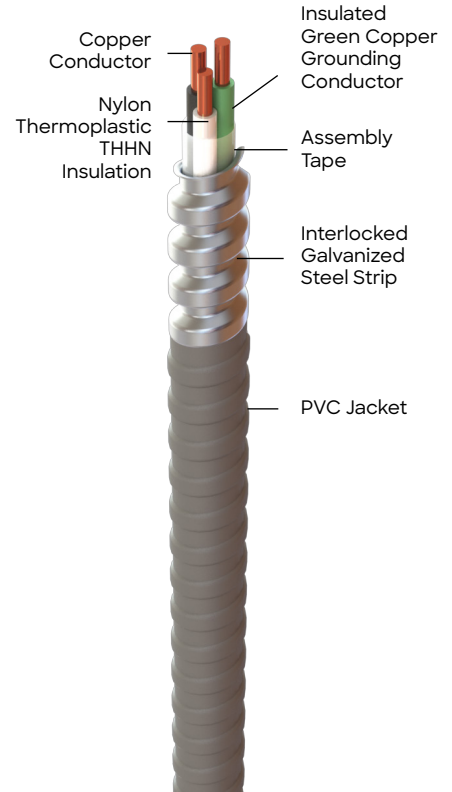
- 90°C (Dry)
- 75°C (Wet)

Maximum Voltage Rating

- 600V

References & Ratings

- UL 83,1569,1581, 2556, File Reference E80042
- NEC® 230.43, 300.5, 330, 392, 396.10(A), 501, 502, 503, 504, 505, 511.7, 513.7(A), 514.7, 515.7(A), 516.7(A), 530, 680.21(A)
- Hazardous locations up to Class I & II, Div. 2 and Class III, Div. 1 & 2 (NEC® Articles 501, 502, 503, 530)
- UL Listed for direct burial including concrete encasement and wet locations
- UL Listed for - 40 C low temperature
- UL Listed Sunlight Resistant
- UL Listed Oil Resistant II
- Wet Locations per NEC® 330.10(11)(C)
- Federal Specification A-A-59544 (formerly J-C-30B)
- Cable tray rated, install per NEC®
- Made in USA of US and /or imported materials



Conductor				Product Code		Length		Approx. Weight	Approx. Armor O.D.	Approx. Overall Jacket O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)	(in)
Solid										
12-2	12-1 Solid (Black)	12-1 Solid (White)	12-1 Solid (Green)	2304-42-00	2304-60-00	250	1000	241	0.514	0.614
12-2	12-1 Solid (Brown)	12-1 Solid (Gray)	12-1 Solid (Green)	2304-42-01	2304-60-01	250	1000	241	0.514	0.614
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	2305-42-00	2305-60-00	250	1000	278	0.547	0.647
12-3	12-2 Solid (Black, Red)	12-1 Solid (White)	12-1 Solid (Green)	----	2305-44-00*	---	250	278	0.547	0.647
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	2305-42-01†	2305-60-01	250	1000	278	0.547	0.647
12-3	12-2 Solid (Brown, Orange)	12-1 Solid (Gray)	12-1 Solid (Green)	----	2305-44-01*	---	250	278	0.547	0.647
12-4	12-3 Solid (Black, Blue, Red)	12-1 Solid (White)	12-1 Solid (Green)	2306-42-00†	2306-60-00	250	1000	318	0.583	0.683
12-4	12-3 Solid (Black, Blue, Red)	12-1 Solid (White)	12-1 Solid (Green)	----	2306-44-00*	---	250	318	0.583	0.683
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	2306-42-01†	2306-60-01*	250	1000	318	0.583	0.683
12-4	12-3 Solid (Brown, Orange, Yellow)	12-1 Solid (Gray)	12-1 Solid (Green)	----	2306-44-01†		250	318	0.583	0.683
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	2307-42-00†	2307-60-00	250	1000	310	0.579	0.679
10-2	10-1 Solid (Black)	10-1 Solid (White)	10-1 Solid (Green)	----	2307-44-00†		250	310	0.579	0.679
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	2307-42-01†	2307-60-01	250	1000	310	0.579	0.679
10-2	10-1 Solid (Brown)	10-1 Solid (Gray)	10-1 Solid (Green)	----	2307-44-01†		250	310	0.579	0.679
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	2308-42-00†	2308-60-00	250	1000	347	0.619	0.696
10-3	10-2 Solid (Black, Red)	10-1 Solid (White)	10-1 Solid (Green)	----	2308-44-00†		250	347	0.619	0.696
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	2308-42-01†	2308-60-01*	250	1000	347	0.619	0.696
10-3	10-2 Solid (Brown, Orange)	10-1 Solid (Gray)	10-1 Solid (Green)	----	2308-44-01*		250	347	0.619	0.696
10-4	10-3 Solid (Black, Blue, Red)	10-1 Solid (White)	10-1 Solid (Green)	2309-42-00†	2309-60-00*	250	1000	391	0.664	0.743

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Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	250' Coil	1000' Reel	Coil (ft)	Reel (ft)	(lb/1000ft)	(in)	(in)
Solid										
10-4	10-3 Solid (Black, Blue, Red)	10-1 Solid (White)	10-1 Solid (Green)	----	2309-44-00†		250	391	0.664	0.743
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	2309-42-01†	2309-60-01*	250	1000	391	0.664	0.743
10-4	10-3 Solid (Brown, Orange, Yellow)	10-1 Solid (Gray)	10-1 Solid (Green)	----	2309-44-01†		250	391	0.664	0.743
Stranded										
8-3	8-2 Stranded (Black, Red)	8-1 Stranded (White)	10-1 Solid (Green)	2316-99-00*	2316-99-00	††	††	550	0.767	0.867
6-3	6-2 Stranded (Black, Red)	6-1 Stranded (White)	8-1 Solid (Green)	2320-99-00*	2320-99-00	††	††	757	0.950	1.050

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.

*Special Order, subject to lead times and minimum order quantities.

†"44" Put-up code is for 250' Reels

‡Cut to order

Connectors

Product Code	Catalog Number	Thread Size (in)	Cable Trade Size	Carton Count		Weight/C Pounds	Dimension A	Dimension B	Dimension C
				Inner	Master				
Straight Connectors									
0124-15-00	AFC595U	½ Connector	12-2 to 10-2	15	60	11.7	1-3/4"	17/32"	1-7/32"
0125-15-00	AFC595I	½ Insulated Connector	12-2 to 10-2 (Insulated)	15	60	11.7	1-3/4"	17/32"	1-7/32"
0126-15-00	AFC596U	½ Connector	10-3 to 8-2	15	60	16.5	1-3/4"	17/32"	w1-9/32"
0127-15-00	AFC596I	½ Insulated Connector	10-3 to 8-2 (Insulated)	15	60	16.5	1-3/4"	17/32"	1-9/32"
90° Connectors									
0128-10-00	AFC895U	½ 90° Connector	12-2 to 10-2	10	60	-	-	-	-
0129-10-00	AFC895I	½ 90° Insulated Connector	12-2 to 10-2	10	60	-	-	-	-

Notes: Use AFC595 or AFC895 for 12-2, 12-3, 12-4, 10-2

Use AFC 596 for 10-3 and 10-4