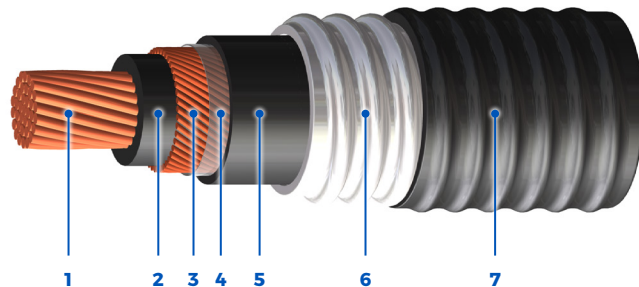


UL Type MC Armored Power, Single Conductor, 2000 V

Metal Clad AIA Power cables are suitable for use in ventilated, non-ventilated and ladder type cable trays, direct burial, raceways and for exposed or concealed wiring in wet, damp or dry locations in -40°C (-40°F) environments. Applicable for use in Utilities, Industrial and Commercial applications.

Standards:



1 - Stranded Bare Copper Conductor (Tin-coated Available)

2 - FR XLPE (RHW-2 Rated) Insulated Conductor

3 - Serve/Wound Grounds

4 - Polyester Separator Tape

5 - FR PVC Inner Protective Jacket

6 - Aluminum Interlocked Armor (AIA)

7 - FR PVC Outer Protective Jacket

Product Construction

Insulation:

- FR XLPE (RHW-2 rated) rated: 90°C wet/dry

Armor:

- Aluminum Interlocked Armor (AIA) (standard)

Jacket:

- FR PVC inner/outer black jacket rated: 90°C to -40°C
- Thermoset CPE (optional)
- Thermoplastic CPE (optional)
- Thermoplastic LSZH (optional)

Available in:

- Custom insulation/jacket colors
- Composite constructions

Certification/Compliances

- UL 1569, Metal Clad Cables (MC)
- UL 44, Thermoset Insulated Wires and Cables
- UL 1685/FT4, Vertical Tray Flame Test rated (optional)
- IEEE 1202/383 (70,000 BTU/hr), Vertical Flame Test rated (optional)
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (RHW-2 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colors) (for CT use)
- Direct burial rated
- -40°C cold bend rated
- Rated for use in hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 20, 21 (Div 1)
 - Class II Zone 22 (Div 2)

2000 V

Voltage

UL Type MC

Power

Color Coding

- Black conductors (standard)
- Method 4 (optional)

UL Type MC Armored Power, Single Conductor, 2000 V

PART NUMBER	NUMBER OF PAIRS	CONDUCTOR SIZE	GROUND WIRE SIZE	OD OVER INNER JACKET	NORMAL DIAMETERS		CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
					OVER ARMOR	OVERALL CABLE				
		(AWG/kcmil)	(AWG/kcmil)	(in/mm)	(in/mm)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2K610U080100300	1	8	18	0.457 / 11.6	0.697 / 17.7	0.809 / 20.6	334 / 498	55	132 / 60	14.6 / 370
2K610U060100300	1	6	16	0.516 / 13.1	0.756 / 19.2	0.868 / 22.1	423 / 630	75	210 / 95	15.6 / 397
2K610U040100300	1	4	16	0.583 / 14.8	0.823 / 20.9	0.935 / 23.8	509 / 757	95	334 / 151	16.8 / 427
2K610U030100300	1	3	16	0.610 / 15.5	0.850 / 21.6	0.962 / 24.4	556 / 827	115	421 / 191	17.3 / 440
2K610U020100300	1	2	16	0.641 / 16.3	0.881 / 22.4	0.993 / 25.2	613 / 912	130	531 / 241	17.9 / 454
2K610U010140300	1	1	14	0.746 / 19.0	0.986 / 25.0	1.098 / 27.9	778 / 1157	145	670 / 304	19.8 / 502
2K610U1/0140300	1	1/0	14	0.786 / 20.0	0.990 / 25.2	1.102 / 28.0	859 / 1278	170	845 / 383	19.8 / 504
2K610U2/0140300	1	2/0	14	0.829 / 21.1	1.033 / 26.2	1.145 / 29.1	966 / 1438	195	1065 / 483	20.6 / 523
2K610U3/0140300	1	3/0	14	0.880 / 22.4	1.084 / 27.5	1.196 / 30.4	1127 / 1678	225	1336 / 606	21.5 / 547
2K610U4/0140300	1	4/0	14	0.936 / 23.8	1.140 / 29.0	1.252 / 31.8	1346 / 2004	260	1693 / 768	22.5 / 572
2K610U250160300	1	250	14	1.012 / 25.7	1.216 / 30.9	1.328 / 33.7	1506 / 2241	290	2000 / 907	23.9 / 607
2K610U300160300	1	300	14	1.065 / 27.1	1.269 / 32.2	1.381 / 35.1	1744 / 2596	320	2400 / 1089	24.9 / 631
2K610U350160300	1	350	14	1.115 / 28.3	1.319 / 33.5	1.431 / 36.4	1926 / 2867	350	2800 / 1270	25.8 / 654
2K610U500160300	1	500	14	1.243 / 31.6	1.447 / 36.8	1.559 / 39.6	2530 / 3765	430	4000 / 1814	28.1 / 713
2K610U750160300	1	750	14	1.452 / 36.9	1.656 / 42.1	1.788 / 45.4	3578 / 5324	535	6000 / 2722	32.2 / 817

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16.