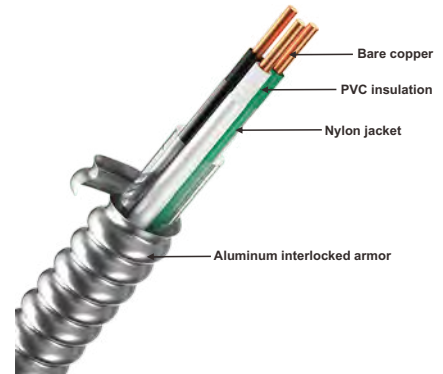


Metal-clad (MC) cable

Metal-Clad (MC) cable is a factory-assembled electrical cable featuring interlocked metal armor, THHN/THWN-2 insulated conductors, and a dedicated grounding wire. Engineered for power, lighting, control, and signaling circuits in dry, damp, or wet locations, it delivers robust mechanical protection, electrical safety compliance, and conduit-free installation efficiency.



- Certificate: UL Listed
- Standard: UL 83, UL 1569, NPFA 70
- Temperature: 90°C dry only for THHN, 90°C wet or dry for THWN-2
- Voltage: 600 V
- Compliance: VW-1 vertical wire flame test, FT4/IEEE 1202 vertical tray flame test
- Application: Indoor / outdoor commercial and Industrial wiring



Main parts and material

Conductor	Solid or stranded bare copper, soft-annealed as ASTM B3	Insulation (Dielectric)	Flame retardant PVC, color red + black + blue if 3 conductors
Jacket	Nylon, for type THHN and THWN-2	Metal clad	Aluminum interlocked armor (AIA)

Available size (Solid conductor)

Conductor	Grounding	Insulation THK	Jacket THK	AL armor	Approx. OD	Max DCR	Ref. No.
		mm	mm	mm	mm	20°C, Ω/km	
14 AWG x 2C, solid	14 AWG x 1	0.38	0.2	0.5	11.6	8.5	C0701 (UL)
14 AWG x 3C, solid	14 AWG x 1	0.38	0.2	0.5	12.3	8.5	C0702 (UL)
14 AWG x 4C, solid	14 AWG x 1	0.38	0.2	0.5	13.1	8.5	C0703 (UL)
12 AWG x 2C, solid	12 AWG x 1	0.38	0.2	0.5	11.9	5.3	C0704 (UL)

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Available size (Solid conductor)

Conductor	Grounding	Insulation THK	Jacket THK	AL armor	Approx. OD	Max DCR	Ref. No.
		mm	mm	mm	mm	20°C, Ω/km	
12 AWG x 3C, solid	12 AWG x 1	0.38	0.2	0.5	12.7	5.3	C0705 (UL)
12 AWG x 4C, solid	12 AWG x 1	0.38	0.2	0.5	13.6	5.3	C0706 (UL)
10 AWG x 2C, solid	10 AWG x 1	0.51	0.2	0.5	13.6	3.3	C0707 (UL)
10 AWG x 3C, solid	10 AWG x 1	0.51	0.2	0.5	14.7	3.3	C0708 (UL)
10 AWG x 4C, solid	10 AWG x 1	0.51	0.2	0.5	15.8	3.3	C0709 (UL)

Available size (Stranded conductor)

Conductor	Grounding	Insulation THK	Jacket THK	AL armor	Approx. OD	Max DCR	Ref. No.
		mm	mm	mm	mm	20°C, Ω/km	
8 AWG x 2C, stranded	10 AWG x 1	0.76 / 0.51	0.22	0.5	17.1	2.1	C0721 (UL)
8 AWG x 3C, stranded	10 AWG x 1	0.76 / 0.51	0.22	0.5	17.9	2.1	C0722 (UL)
8 AWG x 4C, stranded	10 AWG x 1	0.76 / 0.51	0.22	0.5	19.1	2.1	C0723 (UL)
6 AWG x 2C, stranded	10 AWG x 1	0.76 / 0.76	0.22	0.6	18.9	1.4	C0724 (UL)
6 AWG x 3C, stranded	10 AWG x 1	0.76 / 0.76	0.22	0.6	19.9	1.4	C0725 (UL)
6 AWG x 4C, stranded	10 AWG x 1	0.76 / 0.76	0.22	0.6	21.9	1.4	C0726 (UL)
4 AWG x 2C, stranded	8 AWG x 1	1.02 / 0.76	0.22	0.6	24.3	0.9	C0727 (UL)
4 AWG x 3C, stranded	8 AWG x 1	1.02 / 0.76	0.22	0.6	27.5	0.9	C0728 (UL)
4 AWG x 4C, stranded	8 AWG x 1	1.02 / 0.76	0.22	0.6	28.9	0.9	C0729 (UL)