

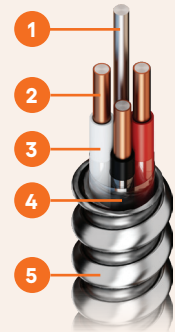
Type MC AGP Armored Cable

600V | Metal-Clad Cable with Armor as a Component of the Ground Path



Engineering Specifications:

- **Standards:** UL 83, UL 1569, UL 1581, UL 2556, ASTM B566, ASTM B800
- **Listings and Compliance:** UL: E510284, E523379, and E538020; RoHS Compliant; REACH Compliant
- **Construction:**
 - **Conductors** – UL recognized component (DVVV2); sizes 12-10 AWG: solid, annealed THHN/THWN-2 Copper-Clad Aluminum (CCA); sizes 8 AWG and larger: stranded, annealed THHN/THWN-2 CCA
 - **Conductor Insulation** – Color-coded Polyvinyl Chloride (PVC) compound meeting the required thickness of Type THHN/THWN-2 with a heat-stabilized nylon jacket
 - **Grounding** – Aluminum series 8000 bonding conductor to provide grounding/bonding path
 - **Metal Clad Armor** – Lightweight aluminum interlocking armor
- **Identification and Applications:**
 - **Identification:** Copperweld® MC AGP cable is identified for use with wiring devices, splice connectors and equipment terminals rated for CC, Cu, Cu/Al and CO/ALR. Copperweld® Copper-Clad Aluminum is not dissimilar metallurgically to copper, brass or zincplated steel. If splicing with twist-on splice connectors, pre-twisting is not required. Copperweld® MC AGP Cable is made with ASTM B566 Copper-Clad Aluminum bare wire, which carries its own component listing, DVVV2, and is an NEC requirement.
 - **Applications:** Refer to Article 250.118 of the NEC for installations where armor is allowed as a component of the ground path.



- 1 Aluminum bonding conductor
- 2 Copperweld CCA conductor
- 3 THHN / THWN-2 insulation
- 4 Separator tape
- 5 Interlocking aluminum armor

CCA Size (AWG)	No. of Strands	Solid Alum. Bonding Cond. Size	Outside Diameter (in)	Approx. Weight (lbs/1000 ft)	CCA Allowable Amperage*	
					75° C	90° C
12/2	Solid	12	0.45	75.2	20	25
12/3	Solid	12	0.47	89.5	20	25
12/4	Solid	12	0.51	104.7	20	25
10/2	Solid	10	0.51	95.1	30	35
10/3	Solid	10	0.55	116.2	30	35
10/4	Solid	10	0.59	139.2	30	35
10/2	7	10	0.54	98.8	30	35
10/3	7	10	0.57	121.3	30	35
10/4	7	10	0.62	144.6	30	35
8/2	7	8	0.64	139.0	40	45
8/3	7	8	0.69	174.1	40	45

* Ampacity of Metal-Clad product is based on NFPA 70 (NEC) Table 310.16 for a temperature rating of the conductors of 75°C and 90°C according to article 340.80 (Ampacity for MC Cable).



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Ordering Information:

CCA Size & Stranding	No. of Strands	Conductor Color Sequence*	Standard Packaging**	Part Number***
12/2	Solid	BK, WT	250' or 1000'	12/2MCAGP-1/1-CCA-A-[Ft]-[Pkg]
12/3	Solid	BK, WT, RD	250' or 1000'	12/3MCAGP-1/1-CCA-A-[Ft]-[Pkg]
12/4	Solid	BK, WT, RD, BL	250' or 1000'	12/4MCAGP-1/1-CCA-A-[Ft]-[Pkg]
10/2	Solid	BK, WT	250' or 1000'	10/2MCAGP-1/1-CCA-A-[Ft]-[Pkg]
10/3	Solid	BK, WT, RD	250' or 1000'	10/3MCAGP-1/1-CCA-A-[Ft]-[Pkg]
10/4	Solid	BK, WT, RD, BL	250' or 1000'	10/4MCAGP-1/1-CCA-A-[Ft]-[Pkg]
10/2	7	BK, WT	250' or 1000'	10/2MCAGP-7/1-CCA-A-[Ft]-[Pkg]
10/3	7	BK, WT, RD	250' or 1000'	10/3MCAGP-7/1-CCA-A-[Ft]-[Pkg]
10/4	7	BK, WT, RD, BL	250' or 1000'	10/4MCAGP-7/1-CCA-A-[Ft]-[Pkg]
8/2	7	BK, WT	1000'	8/2MCAGP-7/1-CCA-A-[Ft]-[Pkg]
8/3	7	BK, WT, RD	1000'	8/3MCAGP-7/1-CCA-A-[Ft]-[Pkg]

* Insulation colors: Black (BK), White (WT), Red (RD), Blue (BL), Green (GR) unless otherwise noted. Other color combinations are available on request, including standard 480V colors.

** Packaging: Other packaging and denomination options are available on request.

*** Part Number Legend: [Size/# of Circuit Cond.][Type]-[# of Strands Circuit Cond. / Ground Cond.]-CCA-A-[Length in Feet]-[Packaging]
 • Standard Packaging [Pkg]: Hand Coils [C], Plastic Spools or Wooden Reels [RL]