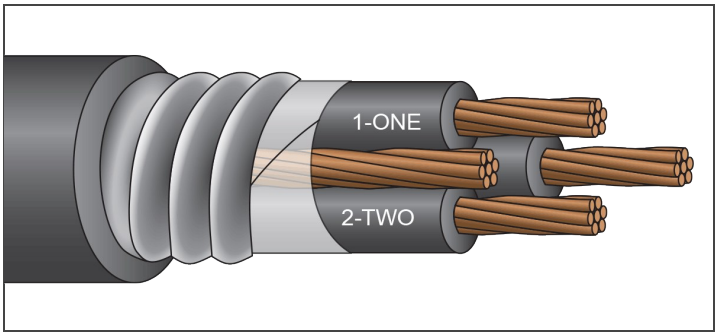
ARMORED CABLES



JACKETED MC

ACW90/ACWU90

600 Volt Copper

3 Conductor

ISO 9001: 2015 RoHS COMPLIANT MADE IN NORTH AMERICA REACH COMPLIANCE

Description:

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene *(type RW90)*, phase identified and cabled together with suitable fillers *(when necessary)* and bare copper ground conductor. Cable core covered with mylar binder tape and galvanized steel interlocked armour, with overall black PVC jacket. ***Jacket available in colours.***

Application:

Suitable for use in hazardous locations: Class I - Div 2, Class II - Div 2

Standards:

UL 1569
CSA C22.2 #51
ICEA S-95-658/NEMA WC-70
Flame Rated: CT Use, IEEE 383 *(70,000 BTU),* ICEA T-29-520 *(210,000 BTU),* IEEE 1202/CSA FT-4, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -25°C
Sunlight and Oil Resistant II Jacket
Direct Burial *(includes encasement in concrete)*
Colour Code: Method 4 *(optional color codes available)*
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	Diameter Over Armour (in.)	Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
GAP6/3	6	7	45	8	0.81	50	0.91	636	75
GAP4/3	4	7	45	8	0.91	50	1.01	846	95
GAP3/3	3	7	45	6	0.97	50	1.07	1,002	115
GAP2/3	2	7	45	6	1.03	50	1.13	1,166	130
GAP1/3	1	19	55	6	1.15	50	1.25	1,404	145
GAP1/03	1/0	19	55	6	1.31	50	1.41	1,771	170
GAP2/03	2/0	19	55	6	1.37	50	1.47	2,099	195
GAP3/03	3/0	19	55	4	1.51	60	1.63	2,555	225
GAP4/03	4/0	19	55	4	1.63	60	1.75	3,085	260
GAP250/3	250	37	65	4	1.81	60	1.93	3,677	290
GAP300/3	300	37	65	3	1.93	60	2.05	4,285	320
GAP350/3	350	37	65	3	2.03	60	2.15	4,856	350
GAP400/3	400	37	65	3	2.13	60	2.25	5,414	380
GAP500/3	500	37	65	2	2.29	75	2.44	6,600	430
GAP600/3	600	61	80	2	2.55	75	2.70	7,835	475
GAP750/3	750	61	80	1	2.77	75	2.92	9,529	535

**Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. NOTE: The data shown is approximate and subject to standard industry tolerances.*