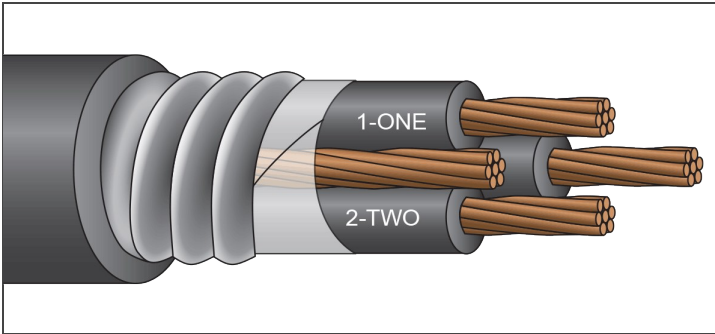


ARMORED CABLE



JACKETED MC

ACW90/ACWU90, 50% Ground

600 Volt Copper
3 Conductor



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 (*3 segmented grounds*). 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
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 colour codes available*)
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductors (AWG)	Diameter Over Armour (in.)	PVC Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
GAP6/3G3#12	6	7	45	(3) #12	0.81	50	0.91	646	75
GAP4/3G3#10	4	7	45	(3) #10	0.91	50	1.01	892	95
GAP3/3G3#10	3	7	45	(3) #10	0.97	50	1.07	1,018	115
GAP2/3G3#8	2	7	45	(3) #8	1.03	50	1.13	1,238	130
GAP1/3G3#8	1	19	55	(3) #8	1.15	50	1.25	1,475	145
GAP1/03G3#6	1/0	19	55	(3) #6	1.31	50	1.41	1,935	170
GAP2/03G3#6	2/0	19	55	(3) #6	1.37	50	1.47	2,262	195
GAP3/03G3#4	3/0	19	55	(3) #4	1.51	60	1.63	2,815	225
GAP4/03G3#4	4/0	19	55	(3) #4	1.63	60	1.75	3,346	260
GAP250/3G3#4	250	37	65	(3) #4	1.81	60	1.93	3,920	290
GAP300/3G3#3	300	37	65	(3) #3	1.93	60	2.05	4,594	320
GAP350/3G3#2	350	37	65	(3) #2	2.03	60	2.15	5,286	350
GAP400/3G3#2	400	37	65	(3) #2	2.13	60	2.25	5,844	380
GAP500/3G3#1	500	37	65	(3) #1	2.29	75	2.44	7,150	430
GAP600/3G3-1/0	600	61	80	(3) 1/0	2.55	75	2.70	8,579	475

*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.