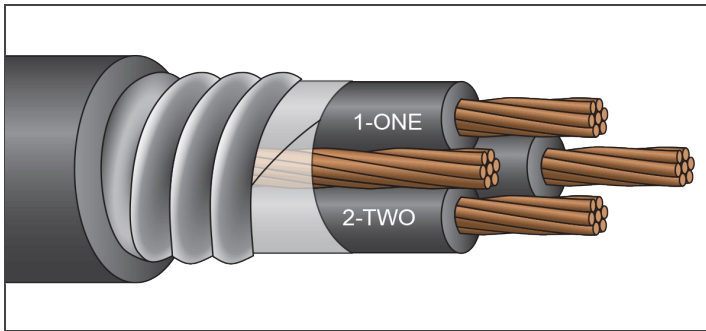


## ARMORED CABLES



## 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  
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 colour codes available*)  
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation		Grounding Conductors (AWG)	Diameter Over Armour (in.)	PVC Jacket		Approx. Diameter Overall (in.)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
			Thickness (mils)				Thickness (mils)				
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.