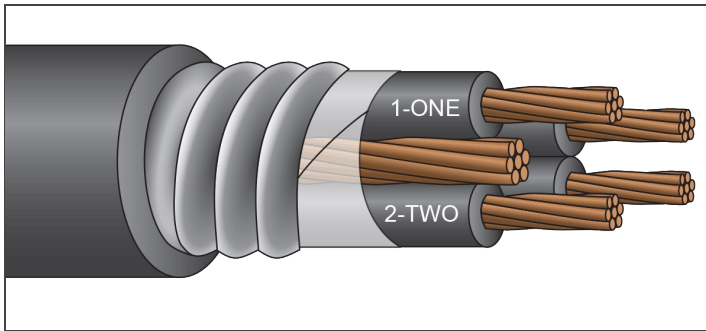


## ARMORED CABLES



## JACKETED MC

### ACW90/ACWU90, 50% Ground

600 Volt Copper  
4 Conductor



### Description:

Four 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*)  
Color Code: Method 4 (*optional color 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)				
GAP6/4G3#12	6	7	45		(3) #12	0.87	50		0.97	778	75
GAP4/4G3#10	4	7	45		(3) #10	0.99	50		1.09	1,077	95
GAP3/4G3#10	3	7	45		(3) #10	1.05	50		1.15	1,248	115
GAP2/4G3#8	2	7	45		(3) #8	1.13	50		1.23	1,515	130
GAP1/4G3#8	1	19	55		(3) #8	1.33	50		1.43	1,933	145
GAP1/04G3#6	1/0	19	55		(3) #6	1.43	50		1.53	2,379	170
GAP2/04G3#6	2/0	19	55		(3) #6	1.51	60		1.63	2,829	195
GAP3/04G3#4	3/0	19	55		(3) #4	1.65	60		1.77	3,500	225
GAP4/04G3#4	4/0	19	55		(3) #4	1.79	60		1.91	4,167	260
GAP250/4G3#4	250	37	65		(3) #4	1.99	60		2.11	4,883	290
GAP300/4G3#3	300	37	65		(3) #3	2.13	60		2.25	5,743	320
GAP350/4G3#2	350	37	65		(3) #2	2.25	75		2.40	6,667	350
GAP400/4G3#2	400	37	65		(3) #2	2.35	75		2.50	7,381	380
GAP500/4G3#1	500	37	65		(3) #1	2.53	75		2.68	8,984	430
GAP600/4G3-1/0	600	61	80		(3) 1/0	2.85	75		3.00	10,795	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.