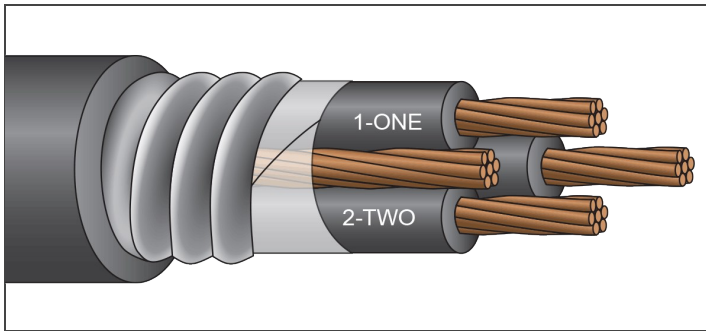


## ARMORED CABLES



## JACKETED MC ACW90/ACWU90

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. 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		Grounding		Diameter		Jacket		Approx.		Ampacity* (30°C ambient) 90°C Wet/Dry
			Thickness (mils)	Conductor (AWG)	Over Armour (in.)	Thickness (mils)	Diameter Overall (in.)	Net Weight (lb./1000')					
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.