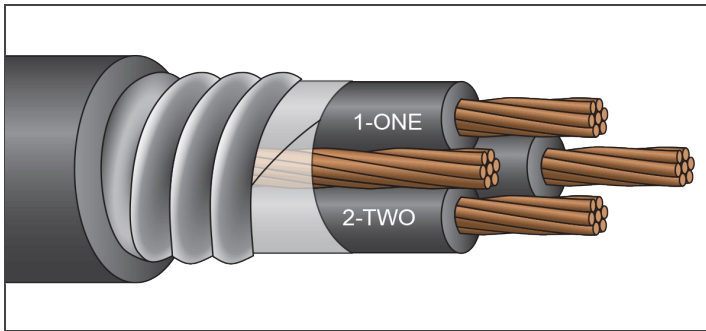


ARMORED CABLES



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.