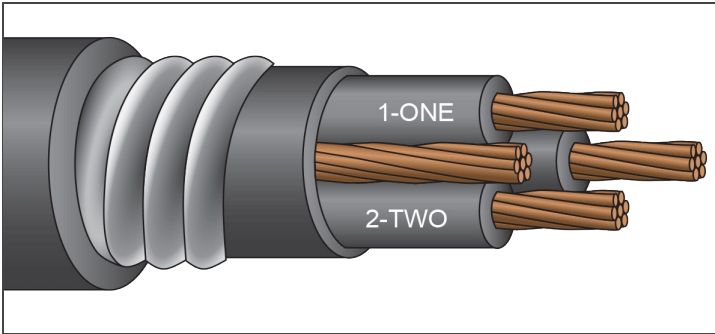


ARMORED CABLE



SERVICETECK® (TECK90)

RW90/CPE

1,000 Volt Copper
3-4 Conductor



Description:

Stranded copper, insulated with heat and moisture resistant crosslinked polyethylene (type RW90 1kV), phase identified and cabled with bare copper ground conductor(s). Cable core covered with binder tape, an inner jacket, aluminum interlocked armour and outer CPE jacket.

Application:

Suitable for use in exposed or concealed wiring in dry or wet locations, in ventilated or ladder type cable trays in dry or wet conditions, on walls or beams, directly buried.

Suitable for use in hazardous locations: Class I - Groups A, B, C and D,
Class II - Groups E, F and G, Class III - All Groups

Standards:

UL 1569, C(UL) Teck 90:CSA/UL Listed
ICEA S-95-658/NEMA WC-70

Flame Rated: 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 -40°C
Sunlight and Oil Resistant II Jacket

Direct Burial (includes encasement in concrete)

Colour Code: Method 4 (other colour codes available)

RoHS Compliant

| Part Number | Size (AWG or Kcmil) | Strand (no.) | Insulation Thickness (mils) | Grounding Conductor (AWG) | CPE Jacket Thickness Inner (mils) | CPE Jacket Thickness Outer (mils) | Diameter Inner Jacket | Diameter Armor | Diameter Overall | Approx. Net Weight (lb./1000') | Ampacity* (90°C) |
|-------------|------------------------|-----------------|-----------------------------------|---------------------------------|---|---|--------------------------|-------------------|---------------------|--------------------------------------|---------------------|
| CAAC8/3U | 8 | 7 | 60 | 10 | 50 | 50 | 0.69 | 0.89 | 0.99 | 519 | 55 |
| CAAC6/3U | 6 | 7 | 60 | 8 | 50 | 50 | 0.77 | 0.97 | 1.07 | 699 | 75 |
| CAAC4/3U | 4 | 7 | 60 | 8 | 50 | 50 | 0.88 | 1.09 | 1.19 | 913 | 95 |
| CAAC3/3U | 3 | 7 | 60 | 6 | 50 | 50 | 0.94 | 1.15 | 1.25 | 1,082 | 115 |
| CAAC2/3U | 2 | 7 | 60 | 6 | 50 | 50 | 1.00 | 1.27 | 1.37 | 1,283 | 130 |
| CAAC1/3U | 1 | 19 | 80 | 6 | 50 | 50 | 1.15 | 1.43 | 1.53 | 1,575 | 145 |
| CAAC1/03U | 1/0 | 19 | 80 | 6 | 50 | 60 | 1.24 | 1.51 | 1.63 | 1,885 | 170 |
| CAAC2/03U | 2/0 | 19 | 80 | 6 | 50 | 60 | 1.33 | 1.61 | 1.73 | 2,222 | 195 |
| CAAC3/03U | 3/0 | 19 | 80 | 4 | 50 | 60 | 1.44 | 1.71 | 1.83 | 2,680 | 225 |
| CAAC4/03U | 4/0 | 19 | 80 | 4 | 50 | 60 | 1.56 | 1.83 | 1.95 | 3,195 | 260 |
| CAAC250/3U | 250 | 37 | 95 | 4 | 60 | 60 | 1.78 | 2.09 | 2.21 | 3,783 | 290 |
| CAAC350/3U | 350 | 37 | 95 | 3 | 60 | 75 | 2.01 | 2.29 | 2.44 | 5,025 | 350 |
| CAAC500/3U | 500 | 37 | 95 | 2 | 60 | 75 | 2.30 | 2.57 | 2.72 | 6,755 | 430 |
| CAAC600/3U | 600 | 61 | 110 | 2 | 75 | 75 | 2.56 | 2.85 | 3.00 | 8,123 | 475 |
| CAAC750/3U | 750 | 61 | 110 | 1 | 75 | 85 | 2.79 | 3.09 | 3.26 | 9,852 | 535 |
| CAAC8/4U | 8 | 7 | 60 | 10 | 50 | 50 | 0.76 | 0.97 | 1.07 | 617 | 55 |
| CAAC6/4U | 6 | 7 | 60 | 8 | 50 | 50 | 0.85 | 1.05 | 1.15 | 836 | 75 |
| CAAC4/4U | 4 | 7 | 60 | 8 | 50 | 50 | 0.97 | 1.23 | 1.33 | 1,113 | 95 |
| CAAC3/4U | 3 | 7 | 60 | 6 | 50 | 50 | 1.03 | 1.31 | 1.41 | 1,325 | 115 |
| CAAC2/4U | 2 | 7 | 60 | 6 | 50 | 50 | 1.11 | 1.37 | 1.47 | 1,572 | 130 |
| CAAC1/4U | 1 | 19 | 80 | 6 | 50 | 60 | 1.28 | 1.55 | 1.67 | 1,975 | 145 |
| CAAC1/04U | 1/0 | 19 | 80 | 6 | 50 | 60 | 1.37 | 1.65 | 1.77 | 2,342 | 170 |
| CAAC2/04U | 2/0 | 19 | 80 | 6 | 50 | 60 | 1.48 | 1.75 | 1.87 | 2,777 | 195 |
| CAAC3/04U | 3/0 | 19 | 80 | 4 | 60 | 60 | 1.62 | 1.89 | 2.01 | 3,398 | 225 |
| CAAC4/04U | 4/0 | 19 | 80 | 4 | 60 | 60 | 1.75 | 2.03 | 2.15 | 4,073 | 260 |
| CAAC250/4U | 250 | 37 | 95 | 4 | 60 | 75 | 1.98 | 2.27 | 2.42 | 4,838 | 290 |
| CAAC350/4U | 350 | 37 | 95 | 3 | 60 | 75 | 2.24 | 2.53 | 2.68 | 6,378 | 350 |
| CAAC500/4U | 500 | 37 | 95 | 2 | 75 | 75 | 2.59 | 2.89 | 3.04 | 8,714 | 430 |
| CAAC600/4U | 600 | 61 | 110 | 2 | 75 | 85 | 2.85 | 3.13 | 3.30 | 10,444 | 475 |
| CAAC750/4U | 750 | 61 | 110 | 1 | 75 | 85 | 3.11 | 3.41 | 3.58 | 12,614 | 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.