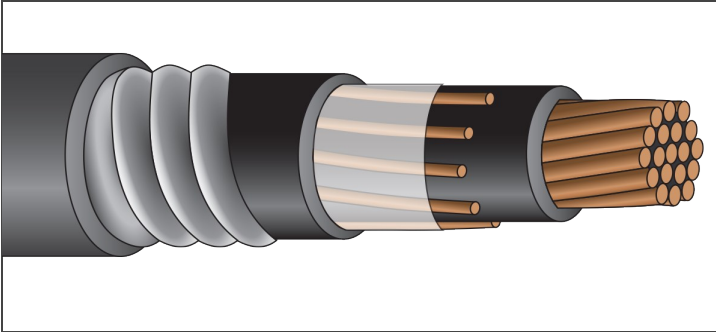


ARMORED CABLE



SERVICETECK® (TECK90)

RW90/CPE

1,000 Volt Copper
Single Conductor



Description:

Single copper conductor, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type RW90 1kV*), a served concentric ground and covered with mylar binder tape, 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: UL Listed/C(UL): Certified by UL for use in Canada
CSA C22.2 #131/#174

ICEA S-95-658/NEMA WC-70

Flame Rated: IEEE 383 (70,000 BTU), ICEA T-30-520 (70,000 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*)

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)
CAAC6U	6	7	60	8	50	50	0.52	0.73	0.83	370	115
CAAC4U	4	7	60	6	50	50	0.57	0.77	0.87	469	140
CAAC3U	3	7	60	6	50	50	0.60	0.81	0.91	519	165
CAAC2U	2	7	60	6	50	50	0.63	0.83	0.93	574	190
CAAC1U	1	19	80	4	50	50	0.70	0.91	1.01	718	220
CAAC1/0U	1/0	19	80	4	50	50	0.73	0.95	1.05	809	260
CAAC2/0U	2/0	19	80	4	50	50	0.78	0.99	1.09	916	300
CAAC3/0U	3/0	19	80	3	50	50	0.90	1.11	1.21	1,108	350
CAAC4/0U	4/0	19	80	3	50	50	0.95	1.23	1.33	1,279	405
CAAC250U	250	37	95	2	50	50	1.05	1.33	1.43	1,515	455
CAAC350U	350	37	95	1	50	50	1.15	1.43	1.53	1,936	570
CAAC500U	500	37	95	1/0	50	60	1.29	1.57	1.69	2,572	700
CAAC750U	750	61	110	2/0	50	60	1.50	1.79	1.91	3,566	885

*Per NEC Table 310.15 (B)(16). NOTE: The data shown is approximate and subject to standard industry tolerances.