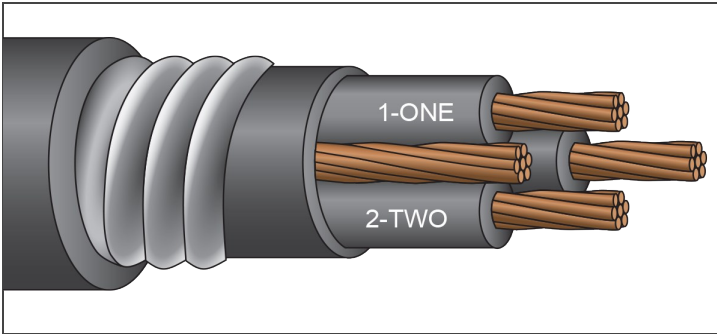


ARMORED CABLE



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.