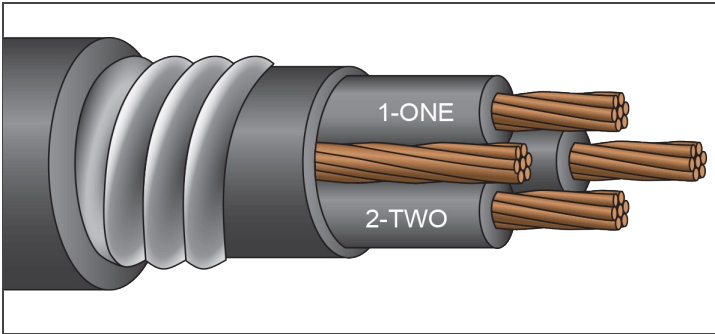


## ARMORED CABLE



## SERVICETECK® (TECK90)

### RW90/CPE

1,000 Volt Copper  
3 Conductor



### Description:

Three or four copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type RW90 1kV*), phase identified and cabled together with bare copper ground conductor(s). Cable core 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  
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

\*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.