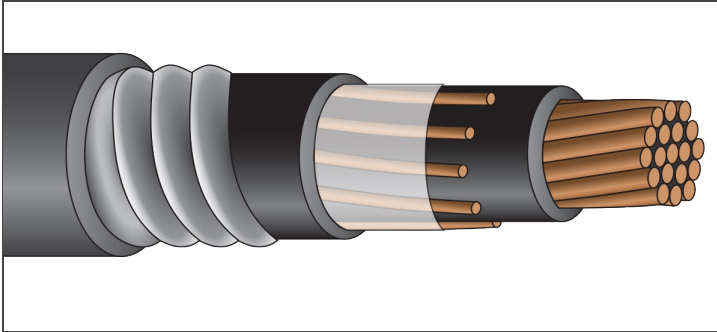


ARMORED CABLE



SERVICETECK® (TECK90)

RW90/EnviroPlus®

1,000 Volt Copper, LSZH

Single Conductor, Factory Mutual Group 1



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 zero halogen, limited smoke, zero lead 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, UL 1685, Two-hour Firewall

Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C

Sunlight Resistant Jacket

Direct Burial (*includes encasement in concrete*)

RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	Jacket Thickness Inner (mils)	Jacket Thickness Outer (mils)	Diameter Inner Jacket	Diameter Armor	Diameter Overall	Approx. Net Weight (lb./1000')	Ampacity* (90°C)
EAAE6U	6	7	60	8	50	50	0.52	0.73	0.83	379	115
EAAE4U	4	7	60	6	50	50	0.57	0.77	0.87	478	140
EAAE3U	3	7	60	6	50	50	0.60	0.81	0.91	529	165
EAAE2U	2	7	60	6	50	50	0.63	0.83	0.93	583	190
EAAE1U	1	19	80	4	50	50	0.70	0.91	1.01	729	220
EAAE1/0U	1/0	19	80	4	50	50	0.73	0.95	1.05	820	260
EAAE2/0U	2/0	19	80	4	50	50	0.78	0.99	1.09	928	300
EAAE3/0U	3/0	19	80	3	50	50	0.90	1.11	1.21	1,122	350
EAAE4/0U	4/0	19	80	3	50	50	0.95	1.23	1.33	1,294	405
EAAE250U	250	37	95	2	50	50	1.05	1.33	1.43	1,532	455
EAAE350U	350	37	95	1	50	50	1.15	1.43	1.53	1,953	570
EAAE500U	500	37	95	1/0	50	60	1.29	1.57	1.69	2,594	700
EAAE750U	750	61	110	2/0	50	60	1.50	1.79	1.91	3,591	885

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