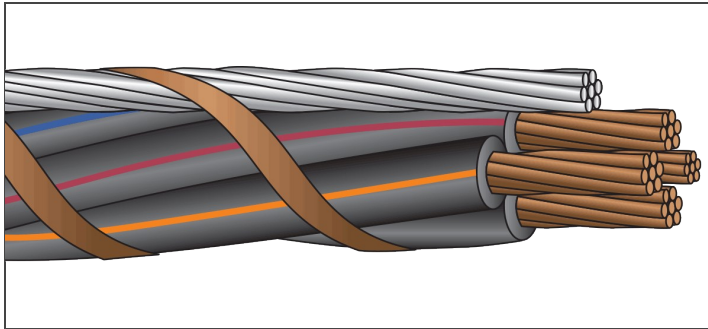


TWISTED CABLES



PREASSEMBLED AERIAL XHHW-2 or RW90 600/1,000 Volt Copper



Description:

Three or four copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (type XHHW-2 or RW90), cabled together with a left hand lay and messenger of 30% EHS copperweld, laid parallel and bound with a flat bare copper binding strap. **Available with galvanized or stainless steel messengers, PVC coated copper, and stainless steel strap.**

Standards:

UL 44
ICEA S-95-658/NEMA WC-70
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C
Sunlight Resistant
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Messenger Size ** (in.)	Messenger Size ** Strand (no.)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (40°C ambient)
AER1/4C8/3	8	7	45	1/4	7	0.74	428	66
AER1/4C6/3	6	7	45	1/4	7	0.83	532	89
AER1/4C4/3	4	7	45	1/4	7	0.93	695	117
AER1/4C2/3	2	7	45	1/4	7	1.05	947	158
AER1/4C1/3	1	19	55	1/4	7	1.16	1,139	185
AER1/4C1/03	1/0	19	55	1/4	7	1.25	1,369	214
AER5/16C2/03	2/0	19	55	5/16	7	1.41	1,728	247
AER5/16C3/03	3/0	19	55	5/16	7	1.51	2,078	287
AER3/8C4/03	4/0	19	55	3/8	7	1.72	2,643	335
AER3/8C250/3	250	37	65	3/8	7	1.83	3,017	374
AER1/2C350/3	350	37	65	1/2	7	2.15	4,199	464
AER9/16C500/3	500	37	65	9/16	7	2.48	5,804	580
AER9/16C750/3	750	61	80	9/16	7	2.91	8,291	747
AER1/4C8/4	8	7	45	1/4	7	0.81	495	66
AER1/4C6/4	6	7	45	1/4	7	0.90	633	89
AER1/4C4/4	4	7	45	1/4	7	1.02	850	117
AER1/4C2/4	2	7	45	1/4	7	1.15	1,185	158
AER1/4C1/4	1	19	55	1/4	7	1.27	1,439	185
AER5/16C1/04	1/0	19	55	5/16	7	1.43	1,825	214
AER5/16C2/04	2/0	19	55	5/16	7	1.54	2,197	247
AER3/8C3/04	3/0	19	55	3/8	7	1.74	2,788	287
AER3/8C4/04	4/0	19	55	3/8	7	1.88	3,374	335
AER1/2C250/4	250	37	65	1/2	7	2.11	4,069	374
AER1/2C350/4	350	37	65	1/2	7	2.35	5,381	464
AER9/16C500/4	500	37	65	9/16	7	2.71	7,472	580
AER9/16C750/4	750	61	80	9/16	7	3.20	10,785	747

*Per NEC Table 310.15 (B)(20). Four-conductor ampacity assumes three are hot and one is neutral. **Messenger size based on 150' span with sag of 2.5 ft. NOTE: The data shown is approximate and subject to standard industry tolerances.