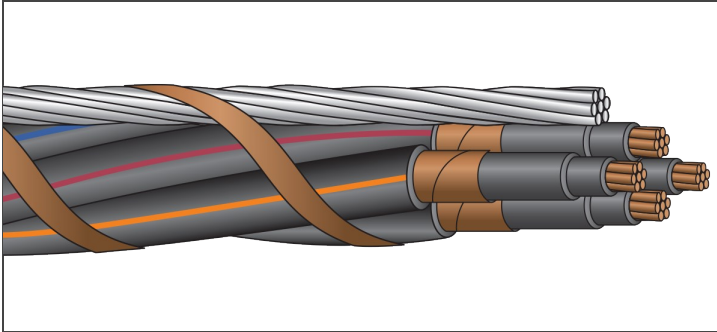


TWISTED CABLE



PREASSEMBLED AERIAL MV-105, 133% Jacketed EPR 15,000 Volt Copper



ISO 9001:2015



Description:

Class B stranded copper, extruded semi-conductor shield, insulated with heat and moisture resistant EPR, 133% insulation level, with conductor jacket (PVC, CPE, etc.). Conductors are cabled with a left hand lay and laid parallel to the 30% EHS copperweld messenger, bound with a rounded-edge flat PVC coated copper binding strap. **Available with galvanized or stainless steel messengers, PVC coated copper or PVC coated stainless steel strap.**

Standards:

UL 1072 (*single conductors*)
ICEA S-93-639/NEMA WC-74
Sunlight Resistant
RoHS Compliant

| Part Number | Size (AWG or Kcmil) | Strand (no.) | Insulation Thickness (mils) | Jacket Thickness (mils) | Messenger Size** (in.) | Messenger Size** Strand (no.) | Approx. Diameter Overall (in.) | Approx. Net Weight (lb./1000') | Ampacity* (40°C ambient) |
|------------------|---------------------|--------------|-----------------------------|-------------------------|------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| AR3/8C15K2/3E | 2 | 7 | 220 | 80 | 3/8 | 7 | 2.63 | 2,599 | 185 |
| AR1/2C15K1/3E | 1 | 19 | 220 | 80 | 1/2 | 7 | 2.82 | 3,029 | 210 |
| AR1/2C15K1/03E | 1/0 | 19 | 220 | 80 | 1/2 | 7 | 2.93 | 3,370 | 240 |
| AR1/2C15K2/03E | 2/0 | 19 | 220 | 80 | 1/2 | 7 | 3.03 | 3,756 | 275 |
| AR9/16C15K4/03E | 4/0 | 19 | 220 | 80 | 9/16 | 7 | 3.27 | 4,758 | 360 |
| AR9/16C15K250/3E | 250 | 37 | 220 | 80 | 9/16 | 7 | 3.44 | 5,346 | 400 |
| AR9/16C15K350/3E | 350 | 37 | 220 | 80 | 9/16 | 7 | 3.65 | 6,502 | 490 |
| AR9/16C15K500/3E | 500 | 37 | 220 | 80 | 9/16 | 7 | 3.93 | 8,211 | 600 |
| AR9/16C15K750/3E | 750 | 61 | 220 | 110 | 9/16 | 7 | 4.47 | 11,353 | 745 |

*Per NEC Table 310.60 (C)(71). **Messenger size based on 150' span with sag of 2.5 ft. NOTE: The data shown is approximate and subject to standard industry tolerances.