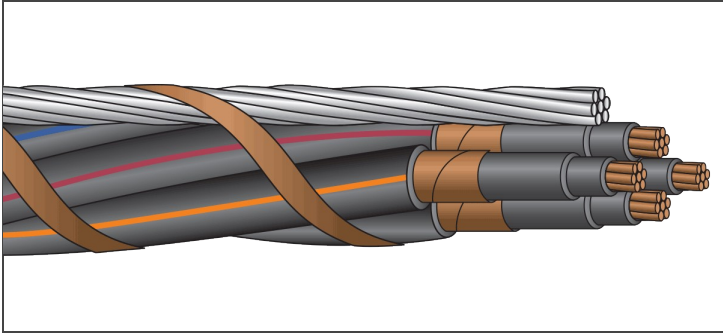


**TWISTED CABLE**



**PREASSEMBLED AERIAL  
MV-105, Jacketed EPR  
5,000 Volt Copper, Shielded**



**Description:**

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

**Standards:**

UL 1072  
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) |
|------------------|---------------------|--------------|-----------------------------|-------------------------|-------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------|
| AR5/16C5KS6/3E   | 6                   | 7            | 115                         | 60                      | 5/16                    | 7                             | 1.76                           | 1,250                          | 88                       |
| AR5/16C5KS4/3E   | 4                   | 7            | 115                         | 60                      | 5/16                    | 7                             | 1.88                           | 1,500                          | 115                      |
| AR5/16C5KS2/3E   | 2                   | 7            | 115                         | 60                      | 5/16                    | 7                             | 1.99                           | 1,795                          | 154                      |
| AR5/16C5KS1/03E  | 1/0                 | 19           | 115                         | 80                      | 5/16                    | 7                             | 2.27                           | 2,418                          | 205                      |
| AR3/8C5KS2/03E   | 2/0                 | 19           | 115                         | 80                      | 3/8                     | 7                             | 2.46                           | 2,883                          | 240                      |
| AR1/2C5KS4/03E   | 4/0                 | 19           | 115                         | 80                      | 1/2                     | 7                             | 2.75                           | 3,975                          | 320                      |
| AR9/16C5KS250/3E | 250                 | 37           | 115                         | 80                      | 9/16                    | 7                             | 2.94                           | 4,592                          | 355                      |
| AR9/16C5KS350/3E | 350                 | 37           | 115                         | 80                      | 9/16                    | 7                             | 3.16                           | 5,687                          | 440                      |
| AR9/16C5KS500/3E | 500                 | 37           | 115                         | 80                      | 9/16                    | 7                             | 3.48                           | 7,382                          | 545                      |
| AR9/16C5KS750/3E | 750                 | 61           | 115                         | 80                      | 9/16                    | 7                             | 3.89                           | 10,137                         | 685                      |

\*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.