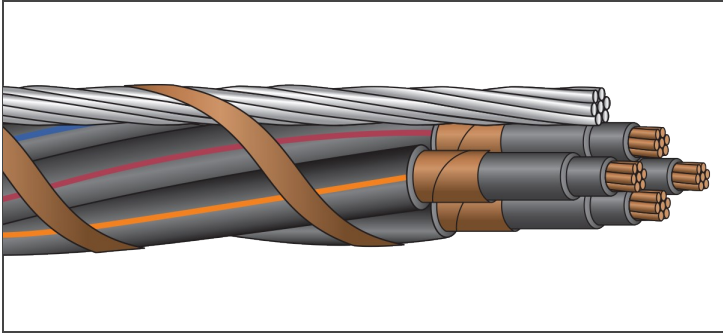


**TWISTED CABLE**



**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 (*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)
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.