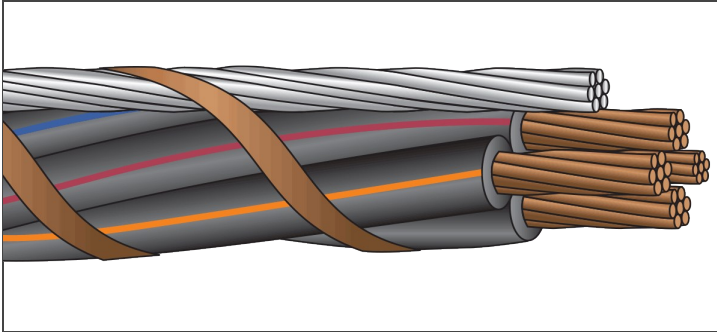


**TWISTED CABLE**



**PREASSEMBLED AERIAL  
MV-90, Jacketed EPR**  
2,400 Volt Copper, Nonshielded



**Description:**

Class B stranded copper, extruded conductor shield, insulated with heat and moisture resistant EPR. 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 and stainless steel strap.**

**Standards:**

UL 1072 (*single conductors*)  
ICEA S-96-659/NEMA WC-71  
Sunlight Resistant  
RoHS Compliant

**Application:**

2,400V nonshielded power cable (*type MV-90*) for conductor temperatures not exceeding 90°C.

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)
AR1/4C2.4K8/3E	8	7	125	1/4	7	1.50	774	66
AR1/4C2.4K6/3E	6	7	125	1/4	7	1.58	898	88
AR1/4C2.4K4/3E	4	7	125	1/4	7	1.69	1,100	115
AR1/4C2.4K2/3E	2	7	125	1/4	7	1.82	1,393	154
AR1/4C2.4K1/03E	1/0	19	125	1/4	7	1.97	1,856	205
AR5/16C2.4K2/03E	2/0	19	125	5/16	7	2.14	2,242	240
AR3/8C2.4K4/03E	4/0	19	125	3/8	7	2.57	3,490	320
AR3/8C2.4K250/3E	250	37	140	3/8	7	2.74	3,907	355
AR1/2C2.4K350/3E	350	37	140	1/2	7	3.06	5,178	440
AR9/16C2.4K500/3E	500	37	140	9/16	7	3.40	6,898	545
AR9/16C2.4K750/3E	750	61	155	9/16	7	3.91	9,786	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.