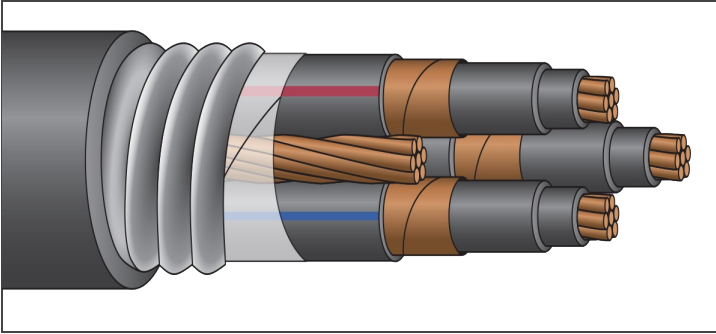


ARMORED CABLE



MV-105

133% Jacketed EPR

15,000 Volt Copper



Description:

Three stranded copper conductors with extruded semi-conductor shield, insulated with heat and moisture resistant EPR (133% insulation level) with conductor jacket. Phase identified and cabled together with fillers and bare copper ground conductor. Cable core covered with mylar binder tape, aluminum or galvanized steel interlocked armor, and red PVC jacket (other jackets available upon request). **Jacket available under armor and in colors.**

Application:

Suitable for use in hazardous locations: Class I - Div 2.

Standards:

UL 1072
ICEA S-93-639/NEMA WC-74
Flame Rated: IEEE 383 (70,000 BTU), ICEA T-29-520 (210,000 BTU), IEEE 1202/CSA FT-4
Temperature Rated at 105°C Wet/Dry (conductors)
Sunlight Resistant, Gasoline and Oil Resistant II Jacket
Direct Burial (includes encasement in concrete)
Color Code: K-2 Stripes
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Conductor Insulation Thickness (mils)	Conductor Jacket Thickness (mils)	Grounding Conductor (AWG)	Diameter Over Armor (in.)	PVC Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight Aluminum Armor (lb./1000')	Approx. Net Weight Galvanized Armor (lb./1000')	Ampacity* (40°C ambient)
AP15K2/3E	2	7	220	80	6	2.57	75	2.72	2,987	3,527	145
AP15K1/3E	1	19	220	80	4	2.65	75	2.80	3,298	3,861	165
AP15K1/03E	1/0	19	220	80	4	2.77	75	2.92	3,674	4,243	195
AP15K2/03E	2/0	19	220	80	4	2.85	75	3.00	4,083	4,692	220
AP15K4/03E	4/0	19	220	80	3	3.09	85	3.26	5,100	5,733	290
AP15K250/3E	250	37	220	80	3	3.21	85	3.38	6,180	6,872	315
AP15K350/3E	350	37	220	80	2	3.41	85	3.58	7,507	8,246	385
AP15K500/3E	500	37	220	80	1	3.69	85	3.86	9,878	10,682	470
AP15K750/3E	750	61	220	110	1/0	4.21	85	4.38	13,610	14,537	570

*Per NEC Table 310.60 (C)(75). Based on one three-conductor cable. NOTE: The data shown is approximate and subject to standard industry tolerances.