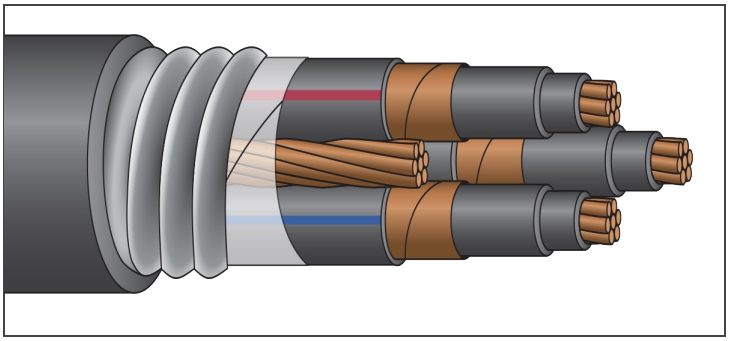
ARMORED CABLE



MV-90/MV-105

Nonshielded/Shielded, EPR

2,400/5,000 Volt Copper

ISO 9001: 2015 RoHS COMPLIANT Made in the USA REACH COMPLIANCE UL LISTED

Description:

Non-shielded: Class B stranded copper with extruded conductor shield, insulated with heat and moisture resistant EPR *(2,400V rated)*.
Shielded: Class B stranded copper with extruded semi- conductor shield, insulated with heat and moisture resistant EPR *(5,000V rated — 133% insulation level; 8,000V rated — 100% insulation level)* with conductor jacket *(PVC, CPE, etc.)*.

3 conductors cabled with suitable fillers (when required) and bare copper ground conductor. Cable core covered with binder tape, aluminum or galvanized interlocked armor and yellow PVC jacket. ***Jacket available under armor and in colors.***

Application:

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

Standards:

UL 1072
Non-shielded: ICEA S-96-659/NEMA WC-71
Shielded: 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
Conductors Rated at 105°C *(5kV)*/90°C *(2.4kV)*
Sunlight and Oil Resistant II Jacket
Direct Burial *(includes encasement in concete)*
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)
AP2.4K6/3E	6	7	125	80	6	1.65	60	1.77	1,234	1,555	69
AP2.4K4/3E	4	7	125	80	6	1.75	60	1.87	1,463	1,818	91
AP2.4K2/3E	2	7	125	80	6	1.89	60	2.01	1,795	2,172	125
AP2.4K1/3E	1	19	125	80	4	1.95	60	2.07	2,076	2,467	140
AP2.4K1/03E	1/0	19	125	80	4	2.03	60	2.15	2,345	2,765	165
AP2.4K2/03E	2/0	19	125	80	4	2.17	60	2.29	2,693	3,124	190
AP2.4K4/03E	4/0	19	125	95	3	2.49	75	2.64	4,015	4,530	255
AP2.4K250/3E	250	37	140	110	3	2.65	75	2.80	4,769	5,332	280
AP2.4K350/3E	350	37	140	110	2	2.89	75	3.04	6,017	6,635	350
AP2.4K500/3E	500	37	140	110	1	3.17	85	3.34	7,881	8,564	425
AP2.4K750/3E	750	61	155	125	1/0	3.69	85	3.86	11,594	12,397	525
AP5KS6/3E	6	7	115	60	6	1.75	60	1.87	1,478	1,833	69
AP5KS4/3E	4	7	115	60	6	1.89	60	2.01	1,765	2,142	91
AP5KS2/3E	2	7	115	60	6	1.99	60	2.11	2,085	2,496	125
AP5KS1/3E	1	19	115	60	4	2.09	60	2.21	2,889	2,889	140
AP5KS1/03E	1/0	19	115	80	4	2.27	75	2.42	2,898	3,374	165
AP5KS2/03E	2/0	19	115	80	4	2.37	75	2.52	3,268	3,766	190
AP5KS4/03E	4/0	19	115	80	3	2.57	75	2.72	4,255	4,800	255
AP5KS250/3E	250	37	115	80	3	2.71	75	2.86	5,075	5,641	280
AP5KS350/3E	350	37	115	80	2	2.91	75	3.06	6,326	6,950	350
AP5KS500/3E	500	37	115	80	1	3.25	85	3.42	8,650	9,352	425
AP5KS750/3E	750	61	115	80	1/0	3.48	85	3.65	11,827	12,621	525

**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.*