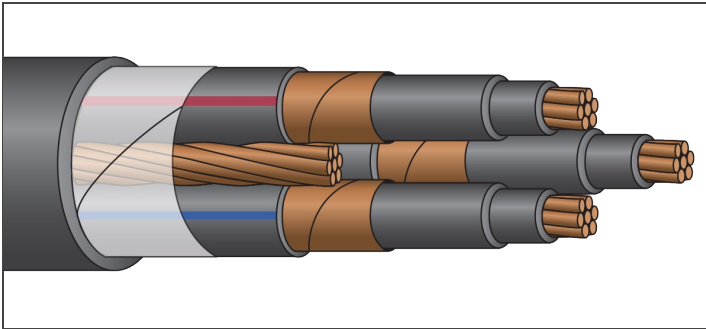


TRAY & POWER CABLES



POWER CABLE

MV-105, 133% Jacketed EPR

15,000 Volt Copper



Description:

Three Class B 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 (*when necessary*) and bare copper ground conductor. Cable core covered with mylar binder tape and overall PVC jacket (*other jackets available upon request*).

Jacket available in colors.

Standards:

UL 1072
ICEA S-93-639/NEMA WC-74
Temperature Rated at 105°C Wet/Dry (*conductors*)
Sunlight Resistant, Gasoline and Oil Resistant II Jacket
Direct Burial
Color Code: K-2 Stripes
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Conductor		Approx. Diameter Over Single Conductor (in.)	Grounding Conductor (AWG)	PVC Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (40°C ambient)
			Insulation Thickness (mils)	Conductor Jacket Thickness (mils)						
P15K2/3EG	2	7	220	80	1.04	6	110	2.50	3,058	165
P15K1/3EG	1	19	220	80	1.08	4	110	2.59	3,381	185
P15K1/03EG	1/0	19	220	80	1.13	4	110	2.70	3,779	215
P15K2/03EG	2/0	19	220	80	1.18	4	140	2.86	4,385	245
P15K4/03EG	4/0	19	220	80	1.26	3	140	3.04	5,389	320
P15K250/3EG	250	37	220	80	1.34	3	140	3.21	6,090	350
P15K350/3EG	350	37	220	80	1.44	2	140	3.42	7,433	430
P15K500/3EG	500	37	220	80	1.57	1	140	3.70	9,393	525
P15K750/3EG	750	61	220	110	1.82	1/0	140	4.24	13,020	635

*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.