



2.4KV Single Conductor Non-Shielded EPR/PVC Type MV-90

PWC Part Number	Size AWG	No. of Strands	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight LBS/1000'
P01O3	4	7	.125"	.080"	.69"	311
P02O3	2	7	.125"	.080"	.74"	407
P03O3	1	19	.125"	.080"	.77"	472
P04O3	1/0	19	.125"	.080"	.81"	556
P05O3	2/0	19	.125"	.080"	.85"	655
P06O3	3/0	19	.125"	.095"	.92"	806
P07O3	4/0	19	.125"	.095"	.98"	961
P08O3	250	37	.140"	.110"	1.09"	1156
P09O3	350	37	.140"	.110"	1.19"	1510
P10O3	500	37	.140"	.110"	1.31"	2027
P11O3	750	61	.155"	.125"	1.55"	2990
P12O3	1000	61	.155"	.125"	1.71"	3816

All values are nominal and subject to correction.

Application: For use in circuits rated up to 2400 volts when installed in open air, conduit or duct. UL approved for use in wet or dry applications at 90°C continuous, 130°C emergency and 250°C short-circuit operation. Note: NEC 2005 no longer recognizes a non-shielded 5000-volt construction the 2400-volt rating is the most for a non-shielded construction.

Conductors: Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

Insulation: Ethylene propylene rubber (EPR) per ICEA standards.

Jacket: Black oil and sunlight resistant Polyvinyl chloride (PVC)

Approvals: ICEA S-96-659
UL-1072
CT USE (1/0 and larger)
IEEE 383 flame test