

2.4kV Type MV-90 EPR Heavy Wall, N/S

Construction

Single conductor EPR insulated, PVC jacket power cable. Flexible, easy bending insulation, easy cable preparation, 90°C continuous operating temperature, resistance to moisture. Flame-retardant. Also available listed for cable tray use in sizes 1/0 and larger.

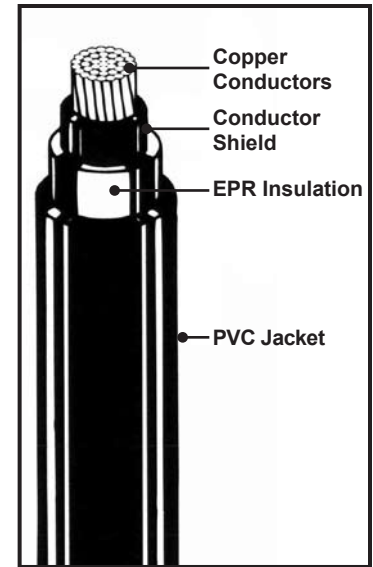
Specifications

Manufactured and tested in accordance with the latest revisions of the following standards and specification:

- UL 1072 - Medium Voltage Power Cables
- ICEA S-96-659 (NEMA WC 71) - Unshielded Cables Rated 2001-5000 Volts for Use in the Distribution of Electric Energy

Applications

For use primarily in raceways in industrial applications as specified by the NEC®. These cables are capable of operating continuously at a conductor temperature not in excess of 90°C for normal operation, 130°C for emergency overload conditions and 250°C for short circuit conditions and are rated at 2.4kV in wet or dry locations.



Size (AWG or kcmils)	Conductor Diameter (in)	Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/M-ft)	Allowable Ampacity	
					Duct	Conduit in Air
6	.178	.080	.645	253	85	75
4	.225	.080	.692	321	110	97
2	.283	.080	.750	422	145	130
1	.322	.080	.789	489	170	155
1/0	.362	.080	.829	574	195	180
2/0	.405	.080	.871	676	220	205
3/0	.456	.095	.954	834	250	240
4/0	.512	.095	1.010	995	290	280
250	.558	.110	1.127	1,199	320	315
350	.661	.110	1.229	1,560	385	385
500	.790	.110	1.357	2,088	470	475
750	.968	.125	1.608	3,044	585	600
1,000	1.117	.125	1.756	3,897	670	690

Information based on Southwire specs.

See referenced page in the Hardware & Supplies section:

Suggested Prep Tool

- WS 5 End Stripper - I-9