

15kV Type MV-90 XLP, TS, PVC

Construction

Single conductor XLP insulated, shielded, thermoplastic jacket power cable. Proven XLP insulation, 90°C continuous conductor operating temperature, 100% copper tape shield coverage, fast stripping thermosetting insulation shield and it is triple extruded. Cable is sunlight resistant, suitable for direct burial. Also available listed for cable tray use in sizes 250 kcmils and larger upon request.

Specifications

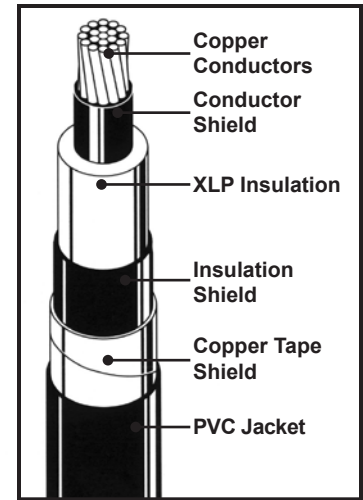
Manufactured and tested in accordance with the latest revisions of the following standards and specification:

- UL 1072 - Medium Voltage Power Cables
- ICEA S-93-639 (NEMA WC 74) - 5-46 kV Shielded Power Cable for Use in the Transmission & Distribution of Electric Energy

Certified qualification tests were performed in accordance with the requirements of AEIC CS-8. Cable has fully met the qualification testing requirements of AEIC CS-8.

Applications

For use in aerial, direct burial, conduit and underground duct installations as permitted 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 15kV, 100% insulation level (grounded system).



Size (AWG or kcmils)	Conductor Diameter (in)	Minimum Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/M-ft)	Allowable Ampacity (amps)	
					Duct	Conduit in Air
2	.283	.07	.905	531	155	150
1	.322	.07	.945	603	175	170
1/0	.362	.07	.985	692	200	195
2/0	.405	.07	1.025	797	230	225
3/0	.456	.07	1.075	930	260	260
4/0	.512	.07	1.130	1,095	295	295
250	.558	.07	1.185	1,241	325	330
350	.661	.07	1.290	1,605	390	395
500	.790	.07	1.415	2,132	65	480
750	.968	.07	1.602	3,002	565	585
1,000	1.117	.10	1.810	3,948	640	675

Information based on Southwire specs.

See referenced page in the Hardware & Supplies section:

Suggested Prep Tool

- WS 5 End Stripper - I-9