

15kV Type MV-90 XLP, WS, PVC

Construction

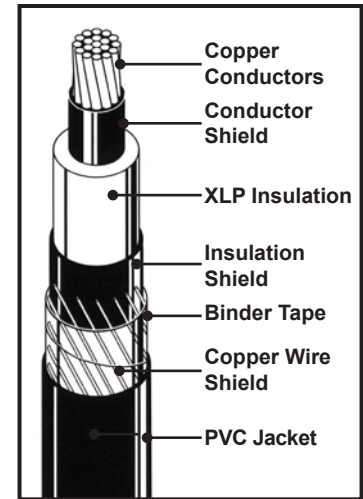
Single conductor XLP insulated, shielded, thermoplastic jacket power cable. Proven XLP insulation, 90°C continuous conductor operating temperature, fast-stripping thermosetting insulation shield and it is triple extruded. Cable is sunlight resistant, suitable for direct burial.

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 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 Point Jacket Thickness (in)	Approx. Overall Diameter (in)	Approx. Net Weight (lbs/M-ft)	Allowable Ampacity	
					Duct	Conduit in Air
2	.283	.07	.933	494	155	150
1	.322	.07	.973	563	175	170
1/0	.362	.07	1.013	651	200	195
2/0	.405	.07	1.053	753	230	225
3/0	.456	.07	1.103	884	260	260
4/0	.512	.07	1.170	1,119	295	295
250	.558	.07	1.225	1,266	325	330
350	.661	.07	1.330	1,633	390	395
500	.790	.07	1.455	2,162	465	480
750	.968	.07	1.642	3,034	565	585
1,000	1.117	.10	1.850	3,985	640	675

Information based on Southwire specs.

See referenced page in the Hardware & Supplies section:

Suggested Prep Tool
WS 5 End Stripper - I-9