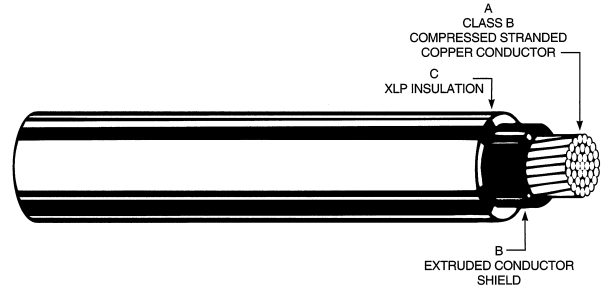


XLP Insulation - Non-Shielded
 6 AWG - 750 KCMIL • Single Conductor • 90°C Dry Locations



PWC Catalog #	Size	No. of Strds.	Nom. Cond. Diameter	Min. Avg. Insul. Wall	Nom. Insul. Diameter	Approx. O.D.	Approx. Net Weight (Lbs./M Ft.)	Allowable Ampacities+ (Amps)
	AWG or kcmil		(Inches)	(Inches)	(Inches)			
03-0383	6	7	0.181	0.110	0.425	0.080	132	75
03-0384	4	7	0.228	0.110	0.470	0.080	188	97
03-0385	2	7	0.287	0.110	0.530	0.080	274	130
03-0386	1	19	0.327	0.110	0.590	0.080	416	155
03-0387	1/0	19	0.367	0.110	0.610	0.080	510	180
03-0388	2/0	19	0.412	0.110	0.655	0.080	760	205
03-0390	4/0	19	0.520	0.110	0.765	0.095	910	280
03-0391	250	37	0.566	0.120	0.830	0.110	1240	315
03-0392	350	37	0.670	0.120	0.935	0.110	1730	385
03-0393	500	37	0.800	0.120	1.065	0.110	2534	475
03-0394	750	61	0.983	0.130	1.265	0.125		600

+ Ampacities are based on three single conductor cables in isolated conduit in air. Conductor temperature of 90°C and ambient air temperature of 40°C per Table 310.73 of the 2008 NEC.

2.4kV Type MV-90 CABLE CONSTRUCTION

Conductor	Compressed class B stranded annealed uncoated copper.
Conductor Shield	Nylon semi-conducting tape.
Insulation	90°C rated black crosslink polyethylene (XLP) per ICEA S-96-659 part 3.
Tests	The finished cable shall be tested in accordance with the requirements of ICEA S-96-659 and UL-1072.
Optional Constructions	Consult factory for cable specifications with alternate constructions or materials.

APPLICATIONS:

UL listed and OSHA acceptable. Where NEC requirements apply, cables are suitable for use in dry locations at maximum operating temperature of 90°C for normal operation; 130°C for emergency overload conditions; and 250°C for short circuit conditions. Cables may be installed in conduit or duct.

SCOPE:

This specification covers non-shielded, single conductor cables having stranded, uncoated copper conductors; taped semi-conducting strand shield and crosslink polyethylene insulation. Cables are rated 2,400 volts, 90°C in dry locations and meet the requirements of ICEA S-96-659 (NEMA WC 71), Article 328 and 310 of the National Electrical Code, and UL-1072.

»The data listed above is approximate and subject to change without notice.