

MEDIUM VOLTAGE POWER CABLE

TYPE MV90 - WET OR DRY UNSHIELDED EPR/XL-CPE 2400 VOLT

Construction

Conductor:

- Class B stranded annealed uncoated copper. Conductors shall be covered with a thermostat semi conduction, stress control layer over conductor.

Insulation:

- EPR (ethylene propylene rubber)

Jacket:

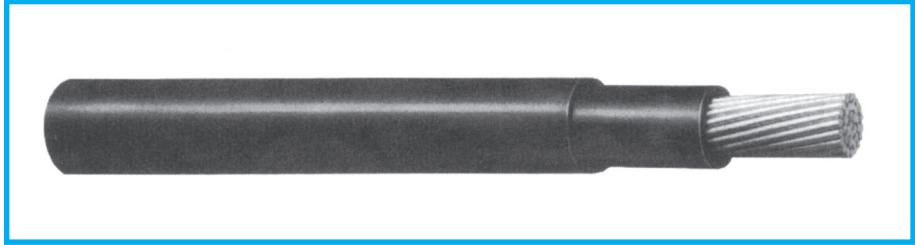
- Lead free cross-linked chlorinated polyethylene (XL-CPE)

Application:

- Where NEC jurisdiction applies; as 2,400-volt nonshielded power cable, Type MV-90, for use at conductor temperatures not exceeding 90°C in wet or dry locations. Cables meet requirements of Article 310.6 of the National Electrical Code.
- For use in aerial, conduit, open tray and underground duct installations.
- Excellent heat and moisture resistance.
- Low moisture absorption.
- High dielectric strength.
- Low dielectric loss.
- Chemical and sunlight resistant.
- Meets cold bend test at -35°C.

Industry Approvals:

- Listed by UL as 2,400 volt nonshielded cable, Type MV-90, per UL Standard 1072.
- Conforms to ICEA S-96-659/NEMA WC71.
- Sizes 1/0 AWG and larger pass UL and IEEE Standard 383 ribbon burner flame test and are UL listed For CT Use.



CUSTOM CATALOG NUMBER	SIZE		STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D. INCHES	NOMINAL WEIGHT LBS/MFT
	AWG/MCM	EPR INSULATION		JACKET			
					25030	6	7
25031	4	7	0.125	0.080	0.66	308	
25032	2	7	0.125	0.080	0.72	408	
25033	1	19	0.125	0.080	0.76	476	
25034	1/0	19	0.125	0.080	0.79	562	
25035	2/0	19	0.125	0.080	0.84	666	
25036	3/0	19	0.125	0.095	0.92	823	
25037	4/0	19	0.125	0.095	0.97	983	
25038	250	37	0.140	0.110	1.08	1183	
25039	350	37	0.140	0.110	1.17	1545	
25040	500	37	0.140	0.110	1.30	2077	
25041	750	61	0.155	0.125	1.54	3040	
25042	1000	61	0.155	0.125	1.70	3913	

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Custom Cable Corp.

