

EPR/Hypalon

**Product Description**

EPR insulation
Hypalon jacket
Nonshielded
UL Listed Type MV-90

Applications

For use in power circuits up to 2,400 V where shields cannot be properly terminated and where space is limited. Cable is used for power applications in chemical plants, refineries, steel mills, industrial plants, utility substations and generating stations. Ideally suited for applications where increased durability is required.

Specifications

- CONDUCTOR: Class B stranded, annealed, bare copper per ASTM B-3 and B-8, strand shield is an extruded semiconducting compound per ICEA S-96-659 (NEMA WC71)
- INSULATION: Ethylene Propylene Rubber (EPR) which meets or exceeds ICEA S-96-659 and UL 1072. For wet or dry locations per UL 1072 and NEC Article 328
- OVERALL JACKET: Hypalon
- STANDARDS: Listed Type MV-90 per UL 1072 for wet and dry locations. Meets requirements of ICEA S-96-659 (NEMA WC71). Sizes 1/0 and larger marked Sunlight Resistant and pass IEEE 383 70,000 Btu/hr flame test and are marked "for CT use"
- AMPACITY: Based on three single conductor cables in isolated conduit in air per NEC Table 310.73 with a conductor temperature of 90°C and an ambient temperature of 40°C
- TEMPERATURE: 90°C
- VOLTAGE: 2,400 V

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Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
3DC-0601	6	7	0.125	0.080	0.650	270	75
3DC-0401	4	7	0.125	0.080	0.700	340	97
3DC-0201	2	7	0.125	0.080	0.760	450	130
3DC-1011	1/0	19	0.125	0.080	0.840	610	180
3DC-2021	2/0	19	0.125	0.080	0.880	700	205
3DC-3031	3/0	19	0.125	0.095	0.960	875	240
3DC-4041	4/0	19	0.125	0.095	1.020	1,020	280
3DC-2501	250	37	0.140	0.110	1.130	1,225	315
3DC-3501	350	37	0.140	0.110	1.230	1,625	385
3DC-5001	500	37	0.140	0.110	1.370	2,150	475
3DC-7501	750	61	0.155	0.125	1.620	3,110	600
3DC-10001	1000	61	0.155	0.125	1.770	3,800	690

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