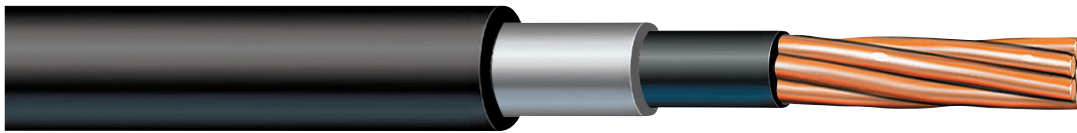


2.4K Type MV-90 Wet & Dry Power Cable

single conductor / 8 AWG to 1000 KCMIL / PVC jacket / 2400 volts



Applications

MV-90 CABLES are for medium voltage power transmission of up to 2400 volts. All Draka MV-90 cables are UL listed as intended for use in accordance with NEC Article 310-6 in wet or dry locations up to 90°C. They are also suitable for use in conduit, duct, aerial and direct burial installations up to 2400 volts.

Ratings

- UL 1072 MV-90 WET or DRY
- ICEA S-96-659
- NEMA WC7

Construction

CONDUCTOR: Soft drawn bare copper stranded to ASTM B3 & B8.

STRAND SHIELD: Extruded layer of semiconducting material.

INSULATION: Crosslinked polyethylene (XLPE) compound in accordance with the requirements of UL 1072 and the National Electric Code.

JACKET: Polyvinyl Chloride compound in accordance with the requirements of UL 1072 and the National Electric Code.

SURFAE MARKINGS: The jacket surface is ink printed "DRAKA CABLETEQ USA - TAMAQUA CABLE UL TYPE MV-90 WET OR DRY (conductor size) 2400 VOLTS NON-SHIELDED XLP"

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2.4K Type MV-90 Wet & Dry Power Cable

single conductor / 8 AWG to 1000 KCMIL / PVC jacket / 2400 volts

Part Number	Conductor Size	Conductor Stranding	Average Insulation Thickness in (mm)	Average Jacket Thickness in (mm)	Nominal Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
MV901-8	8 AWG	7	.125 (3.2)	.080 (2.0)	0.590 (15.0)	192 (286)
MV901-6	6 AWG	7	.125 (3.2)	.080 (2.0)	0.630 (16.0)	236 (351)
MV901-4	4 AWG	7	.125 (3.2)	.080 (2.0)	0.680 (17.3)	301 (448)
MV901-2	2 AWG	7	.125 (3.2)	.080 (2.0)	0.740 (18.8)	398 (592)
MV901-1	1 AWG	19	.125 (3.2)	.080 (2.0)	0.780 (19.8)	465 (692)
MV901-0	1/0 AWG	19	.125 (3.2)	.080 (2.0)	0.820 (20.8)	547 (814)
MV901-00	2/0 AWG	19	.125 (3.2)	.080 (2.0)	0.860 (21.8)	649 (966)
MV901-000	3/0 AWG	19	.125 (3.2)	.095 (2.4)	0.940 (23.9)	805 (1198)
MV901-0000	4/0 AWG	19	.125 (3.2)	.095 (2.4)	1.000 (25.4)	963 (1433)
MV901-250	250 kcmil	37	.140 (3.6)	.110 (2.8)	1.105 (28.1)	1159 (1725)
MV901-350	350 kcmil	37	.140 (3.6)	.110 (2.8)	1.210 (30.7)	1515 (2254)
MV901-500	500 kcmil	37	.140 (3.6)	.110 (2.8)	1.350 (34.3)	2036 (3030)
MV901-750	750 kcmil	61	.155 (3.9)	.125 (3.2)	1.590 (40.4)	2974 (4425)
MV901-1000	1000 kcmil	61	.155 (3.9)	.125 (3.2)	1.740 (44.2)	3822 (5687)

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.

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