

APPLICATIONS

Medium voltage power transmission for use up to to 2400 volts. All Type MV-90 cables are UL listed as intended for use in accordance with NEC Article 310-6 and Table 310.63 in dry locations up to 90°C. They may also be used as rugged cables in ducted 600 volt or 2400 volt series lighting circuits.

The 4, 6, and 8 AWG conductor cables are FAA approved for direct buried airport lighting circuits in accordance with the FAA advisory circular 150/5345-7E.

FEATURES

1. CONDUCTORS

Soft drawn bare copper stranded to ASTM B 3 & B 8.

2. STRAND SHIELD

4 mil thick semiconducting tape longitudinally applied with 10% or more overlap in accordance with the requirements of UL 1072.

3. INSULATION

Crosslinked polyethylene (XLPE) compound which is in accordance with the requirements of UL 1072 and the National Electrical Code.

4. SURFACE MARKING

The jacket surface shall be printed or indented with:
DRAKA CABLETEQ USA-PA TAMAQUA CABLE TYPE MV-90
DRY SIZE (AWG) 2400 VOLTS NON-SHIELDED XLP (UL).

RATINGS

UL 1072 MV-90 DRY
ICEA S-96-659





TYPE MV-90 POWER CABLE

XLPE insulated conductor
8 to 4/0 AWG / 2400 volt

Part Number	Conductor Size	Stranding	Insulation Thickness in (mm)	Cable O.D. In (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
389179	8 AWG	7 x .0486	.110 (2.8)	.39 (9.9)	94 (140)
389176	6 AWG	7 x .0612	.110 (2.8)	.42 (10.7)	129 (192)
389175	4 AWG	7 x .0772	.110 (2.8)	.47 (11.9)	186 (277)
388088	2 AWG	7 x .0974	.110 (2.8)	.53 (13.5)	273 (406)
388085	1 AWG	19 x .0664	.110 (2.8)	.57 (14.5)	330 (491)
388857	1/0 AWG	19 x .0745	.110 (2.8)	.62 (15.7)	410 (610)
388087	2/0 AWG	19 x .0837	.110 (2.8)	.66 (16.8)	498 (741)
388914	3/0 AWG	19 x .0940	.110 (2.8)	.71 (18.0)	610 (908)
388089	4/0 AWG	19 x .1055	.110 (2.8)	.77 (19.6)	760 (1131)

Each construction listed above has a 110 mil insulation wall thickness and a conductor strand shield
Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.