

Cathodic Protection Power Cable

high molecular weight PE insulated conductor / 8 AWG to 350 KCMIL / 600 volt



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

- ICEA S-95-658

Construction

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

INSULATION JACKET: High molecular weight polyethylene (PE) compound in accordance with the requirements ASTM D1248 for Type 1 Class C Category 4 or 5 Grade E5 material and ICEA S-95-658 rated for a 75°C operating temperature.

Prysmian Group

700 Industrial Drive | Lexington, SC 29072 | +1-800-845-8507 | www.prysmiangroup.com

Sales and Distribution:

22 Joseph E. Warner Blvd. | North Dighton, MA 02764 | +1-508-822-5444
One Tamaqua Blvd. | Schuylkill Haven PA 17972 | Tel +1-570-385-4381

Cathodic Protection Power Cable

high molecular weight PE insulated conductor / 8 AWG to 350 KCMIL / 600 volt

Part Number	Conductor Size	Conductor Stranding	Insulation Thickness in (mm)	Nominal Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
180010	8 AWG	7/0486	.110 (2.8)	.370 (9.4)	90 (134)
180030	6 AWG	7/0612	.110 (2.8)	.410 (10.4)	126 (187)
180050	4 AWG	7/0772	.110 (2.8)	.460 (11.7)	182 (271)
180070	2 AWG	7/0974	.125 (3.2)	.520 (13.2)	269 (400)
180080	1 AWG	19/0664	.125 (3.2)	.595 (15.1)	340 (506)
180090	1/0 AWG	19/0745	.125 (3.2)	.635 (16.3)	415 (618)
180100	2/0 AWG	19/0837	.125 (3.2)	.680 (17.3)	509 (757)
180110	3/0 AWG	19/0940	.125 (3.2)	.735 (18.7)	627 (933)
180120	4/0 AWG	19/1055	.125 (3.2)	.795 (20.2)	774 (1152)
180130	250 KCMIL	37/0822	.155 (3.9)	.900 (22.9)	935 (1391)
180150	350 KCMIL	37/0973	.155 (3.9)	1.010 (25.7)	1271 (1891)

Shielded versions of this cable are available.

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

Prysmian Group

700 Industrial Drive | Lexington, SC 29072 | +1-800-845-8507 | www.prysmiangroup.com

Sales and Distribution:

22 Joseph E. Warner Blvd. | North Dighton, MA 02764 | +1-508-822-5444
 One Tamaqua Blvd. | Schuylkill Haven PA 17972 | Tel +1-570-385-4381