



HYDROLINE™ Submersible Pump Cables

# HYDROLINE™.

A family of submersible cables that are very well equipped.

## Built for the harshest environments

Draka has long been a leader in designing and building cables for specialized industries with demanding requirements. Using our expertise in manufacturing cables for oil and gas drilling, reservoir maintenance and industrial power, Draka has created Hydroline submersible pump cables. The Hydroline submersible pump product line includes flat and twisted constructions as well as a jacketed construction for heavy duty applications.



## Services

Engineering & design: Draka manufactures a wide range of pump cables designed for specialty applications. Our engineers are available to review your specific applications and environmental requirements. Contact us with your specific requirements and we will help to design a cable that will work for you. Draka's cables and compounds are tested in accordance with industry and customer requirements at our state-of-the-art testing laboratory that is UL, CSA and ETL certified.

Customer service: With a global network of distribution centers, Draka can service job sites or production facilities worldwide. Draka will customize our services to your needs including: cut-to-length, specialty printing/marketing on the cable and/or reels and prepared ends (with or without installed connectors).

## RoHS-compliant/UL listed



RoHS (Restriction of Hazardous Substances) is a European standard that is moving toward adoption worldwide. RoHS aims to drastically reduce the amount of harmful elements and chemical compounds such as PBBs (PolyBrominated Biphenyls) and lead found in plastics.

All Hydroline cables are RoHS-compliant.

HYDROLINE cables conform to UL standard 83.

Tough cables for tough jobs are built at Draka.

# We know H<sub>2</sub>O.

## HYDROLINE™-HDJ heavy duty submersible power cable

HYDROLINE™-HDJ submersible pump cables are designed for rugged installations. Our specially formulated HDJ™ jacket material was created for maximum abrasion resistance for the toughest conditions while retaining good flexibility for ease of installation.

Conductor sizes range from 12 AWG to 750 kcmil. The operating temperature range is between -25 C° and +75 C°.

Draka's Hydroline-HDP™ pump cables are formulated with RoHS compliant materials.



## HYDROLINE™-LDT light duty twisted submersible power cable

HYDROLINE™-LDT submersible pump cables are designed with our specially formulated LDT™ insulation/jacket material for maximum abrasion resistance and good flexibility for ease of installation.

Conductor sizes range from 14 AWG to 4 AWG. The operating temperature range is between -25 C° and +75 C°.

Draka's Hydroline-LDT™ pump cables are formulated with RoHS-compliant materials.

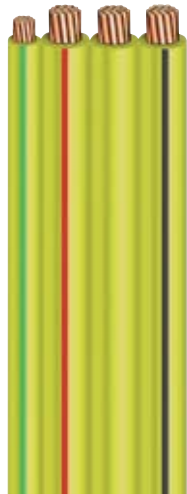


## HYDROLINE™-LDP light duty submersible power cable

HYDROLINE™-LDP submersible pump cables are designed with our specially formulated LDP™ insulation/jacket material for maximum abrasion resistance and good flexibility for ease of installation.

Conductor sizes range from 14 AWG to 4 AWG. The operating temperature range is between -25 C° and +75 C°.

Draka's Hydroline-LDP™ pump cables are formulated with RoHS-compliant materials.



## UF-B power cable

UF-B power cables are used at the surface to power pump equipment. They meet UL UF-B standards and are manufactured in 14 AWG to 6 AWG sizes in two conductor + ground and three conductor + ground configurations.



# HYDROLINE™ submersible cables specifications

## HYDROLINE™-HDJ heavy duty parallel conductors - 600V

Part Number	Conductor Number/AWG	Ground AWG	Stranding	Insulation Thickness inches (mm)	Nylon Thickness inches (mm)	Jacket Thickness inches (mm)	Cable Weight lbs/mft (kg/km)
HDJ12-3G	3 / #12	12	19	.015 (0.38)	.004 (0.10)	.030 (0.76)	125 (186)
HDJ10-3G	3 / #10	10	19	.020 (0.51)	.004 (0.10)	.030 (0.76)	195 (290)
HDJ08-3G	3 / #8	10	19	.030 (0.76)	.005 (0.13)	.030 (0.76)	320 (476)
HDJ06-3G	3 / #6	8	19	.030 (0.76)	.005 (0.13)	.030 (0.76)	460 (684)
HDJ04-3G	3 / #4	8	19	.040 (1.0)	.006 (0.15)	.030 (0.76)	640 (952)
HDJ02-3G	3 / #2	6	19	.040 (1.0)	.006 (0.15)	.030 (0.76)	1025 (1525)
HDJ100-3G	3 / #1/0	6	19	.050 (1.3)	.007 (0.18)	.045 (1.1)	1610 (2396)
HDJ200-3G	3 / #2/0	6	19	.050 (1.3)	.007 (0.18)	.045 (1.1)	1935 (2879)
HDJ400-3G	3 / #4/0	4	19	.050 (1.3)	.007 (0.18)	.045 (1.1)	2925 (4352)
HDJ250-3G	3 / #250	4	37	.060 (1.5)	.008 (0.20)	.065 (1.7)	3550 (5282)
HDJ350-3G	3 / #350	3	37	.060 (1.5)	.008 (0.20)	.065 (1.7)	4765 (7090)

## HYDROLINE™-LDP light duty parallel conductors - 600V

LDP14-3	3 / #14	-	19	.045 (1.1)	-	-	71 (106)
LDP12-3	3 / #12	-	19	.045 (1.1)	-	-	99 (147)
LDP10-3	3 / #10	-	19	.045 (1.1)	-	-	142 (211)
LDP08-3	3 / #8	-	19	.060 (1.5)	-	-	230 (342)
LDP06-3	3 / #6	-	19	.060 (1.5)	-	-	343 (510)
LDP04-3	3 / #4	-	19	.060 (1.5)	-	-	500 (744)
LDP14-2G	2 / #14 + Grd	14	19	.045 (1.1)	-	-	71 (106)
LDP14-3G	3 / #14 + Grd	14	19	.045 (1.1)	-	-	95 (141)
LDP12-2G	2 / #12 + Grd	12	19	.045 (1.1)	-	-	99 (147)
LDP12-3G	3 / #12 + Grd	12	19	.045 (1.1)	-	-	132 (196)
LDP10-2G	2 / #10 + Grd	10	19	.045 (1.1)	-	-	142 (211)
LDP10-3G	3 / #10 + Grd	10	19	.045 (1.1)	-	-	189 (281)
LDP08-3G	3 / #8 + Grd	10	19	.060 (1.5)	-	-	277 (412)
LDP06-3G	3 / #6 + Grd	8	19	.060 (1.5)	-	-	420 (625)
LDP04-3G	3 / #4 + Grd	8	19	.060 (1.5)	-	-	577 (859)

## HYDROLINE™-LDT light duty twisted conductors - 600V

LDT14-2	2 / #14	-	Solid	.045 (1.1)	-	-	47 (70)
LDT14-3	3 / #14	-	Solid	.045 (1.1)	-	-	71 (106)
LDT12-2	2 / #12	-	Solid	.045 (1.1)	-	-	64 (95)
LDT12-3	3 / #12	-	Solid	.045 (1.1)	-	-	96 (143)
LDT10-2	2 / #10	-	Solid	.045 (1.1)	-	-	92 (137)
LDT10-3	3 / #10	-	Solid	.045 (1.1)	-	-	137 (204)
LDT08-3	3 / #8	-	19	.060 (1.5)	-	-	235 (350)
LDT06-3	3 / #6	-	19	.060 (1.5)	-	-	350 (521)
LDT04-3	3 / #4	-	19	.060 (1.5)	-	-	511 (760)
LDT14-2G	2 / #14 + Grd	14	Solid	.045 (1.1)	-	-	71 (106)
LDT14-3G	3 / #14 + Grd	14	Solid	.045 (1.1)	-	-	95 (141)
LDT12-2G	2 / #12 + Grd	12	Solid	.045 (1.1)	-	-	96 (143)
LDT12-3G	3 / #12 + Grd	12	Solid	.045 (1.1)	-	-	128 (190)
LDT10-2G	2 / #10 + Grd	10	Solid	.045 (1.1)	-	-	137 (204)
LDT10-3G	3 / #10 + Grd	10	Solid	.045 (1.1)	-	-	183 (272)
LDT08-3G	3 / #8 + Grd	10	19	.060 (1.5)	-	-	283 (421)
LDT06-3G	3 / #6 + Grd	8	19	.060 (1.5)	-	-	428 (637)
LDT-04-3G	3 / #4 + Grd	8	19	.060 (1.5)	-	-	589 (876)



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