

Hydroline™ -LDT Submersible Pump Cable

Light duty / twisted construction / 14 to 4 AWG / PVC insulation and jacket / 600 volt



Applications

Hydroline™-LDT submersible pump cables are specially designed for permanent circuit identification and improved stripability for use within well casing to supply power to the submersible pump.

Draka's Hydroline pump cables are formulated with RoHS compliant materials. Operating temperature range is between -25° and +75°C. The features listed below are standard items; they may be modified per your request and need. Please contact for details.

Specifications

- UL Type THHN or THWN conforming to UL Standard 83
- RoHS compliant

Construction

CONDUCTOR: Solid or stranded bare annealed copper per ASTM B3.

INSULATION: Heat and moisture resistant polyvinyl chloride (PVC).

TYPICAL CIRCUIT IDENTIFICATION: Insulation coded in accordance with NEMA WC-57 (black, red, yellow, green).

ASSEMBLY: Insulated circuit and ground conductors are cabled together to form a twisted construction without an overall jacket.

SURFACE MARKING: The jacket surface shall be printed or indented with: DRAKA PA HYDROLINE-LDT SUBMERSIBLE PUMP CABLE "number and size of conductors" THW CDRS 600V (UL).

Prysmian Group

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Part Number	Conductor Number / AWG	Ground AWG	Stranding	Insulation Thickness in (mm)	Nylon Thickness in (mm)	Jacket Thickness in (mm)	Cable Weight Lbs/Mft (Kg/Km)
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)

The data herein is approximate and subject to normal manufacturing tolerances.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications

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