



# Draka

## Hydroline - 2.4kV Submersible Pump Cable

Flat construction / #4 AWG to 4/0 / XLPE insulation / PVC jacket / 2400 volts



### Application

Hydroline - 2.4kV submersible pump cables are specially designed for rugged applications. The Hydroline jacket materials was specially designed for maximum abrasion resistance while retaining good flexibility for use within well casings to supply power to the submersible pump.

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

### Features

#### 1. Conductors

Class B stranded, self drawn, bare copper circuit conductors per ASTM B3 and ASTM B8. Available with flexible stranding upon request.

#### 2. Conductor shield

Semi-conducting tape in accordance with UL 1072

#### 3. Insulation

Abrasion and moisture resistant crosslinked polyethylene (XLPE) in accordance with the requirements of

UL 1072. Circuit conductors are black with a green ground.

#### 4. Assembly

Insulated circuit and ground conductors are assembled flat and paralleled with an overall jacket.

#### 5. Jacket

Heat and moisture resistant, black polyvinyl chloride (PVC) meeting the requirements of UL 1072. Available with a chlorinated polyethylene (CPE) jacket upon request.

#### 6. Print legend

DRAKA CABLETEQ USA HYDROLINE FLAT PUMP CABLE "circuit conductor size" 3/C XLP 2400 VOLTS "grounding conductor size" GRND 90C WET OR DRY (UL) "sequential footage print"

### Ratings

UL rated 2.4kV for use in wet and dry locations at 90 C°

### Draka Cableteq USA

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Conductor Size AWG (mm²)	Ground Size AWG (mm²)	Insulation Thickness in (mm)	Jacket Thickness in (mm)	Cable Dimensions in (mm)	Cable Weight Lbs/Mft (Kg/Km)
4 (21.2)	6 (13.3)	0.125 (3.2)	0.080 (2.0)	2.225 x 0.685 (56.5 x 17.4)	1147 (1712)
2 (33.6)	6 (13.3)	0.125 (3.2)	0.080 (2.0)	2.465 x 0.745 (62.6 x 18.9)	1496 (2233)
1/0 (53.5)	4 (21.2)	0.125 (3.2)	0.080 (2.0)	2.800 x 0.825 (71.1 x 21.0)	2065 (3082)
2/0 (67.4)	4 (21.2)	0.125 (3.2)	0.080 (2.0)	3.015 x 0.880 (76.6 x 22.4)	2415 (3604)
4/0 (107.0)	1 (42.4)	0.125 (3.2)	0.095 (2.4)	3.425 x 1.010 (87.0 x 25.7)	3540 (5284)

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

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