

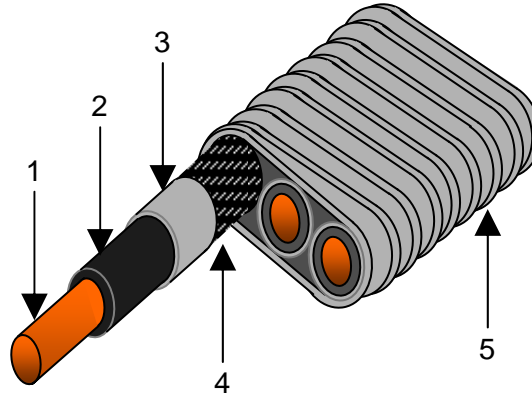


Draka

Marine, Oil & Gas International

Type HTF3 Flat Electrical Submersible Pump Cable

1. Solid, uncoated copper conductor
2. Proprietary EPDM rubber insulation with a poly-adhesive layer to the conductor
3. Lead jacket
4. Longitudinally applied, rubber backed, fabric bedding tap
5. Galvanized steel armor



High Temperature Flat cables are rated 5kV for operating temperatures up to 450°F. They provide good performance in hot, gassy wells and where decompression resistance is required. These cables feature lead sheaths, which provide a superior barrier to the damaging effects of hydrogen sulfide and other harsh well fluids/gases.

Part Number	Conductor Size AWG (mm ²)	Conductor O.D. Inches (mm)	Insulation O.D. Inches (mm)	Overall O.D. Inches (mm)	Weight lbs/ft (kg/m)
1HTF3015-000MOG	1 (42.4)	.29 (7.3)	.45 (11.4)	1.73 x .67 (43.9 x 17.0)	2.1 (3.1)
1HTF3025-000MOG	2 (33.6)	.26 (6.6)	.42 (10.6)	1.63 x .64 (41.4 x 16.3)	1.9 (2.8)
1HTF3045-000MOG	4 (21.1)	.20 (5.2)	.36 (9.2)	1.47 x .59 (37.3 x 15.0)	1.5 (2.2)

Note: All dimensions are subject to normal manufacturing tolerances

Optional Features

Monel (1HTF30x5-010) or Stainless Steel Armor (1HTF30x5-020)

3/8" Stainless Steel Injection/Capillary Tube (1HTF30x5-100)

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND ITS USE IS DISCLOSED IN CONFIDENCE.

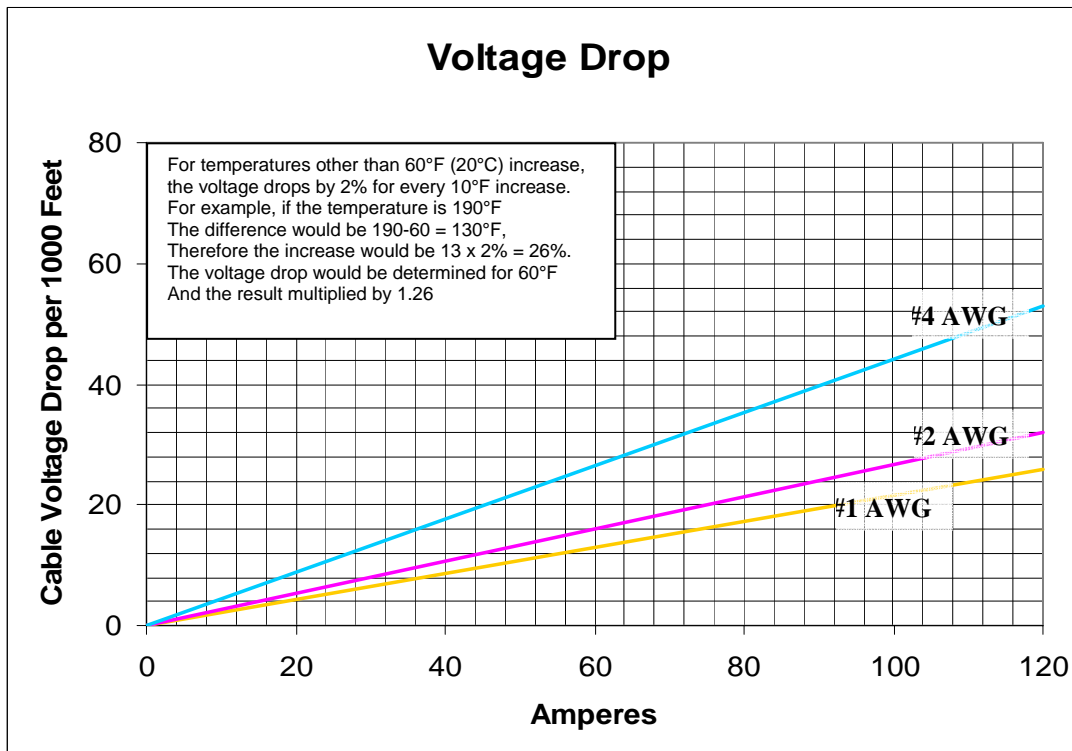
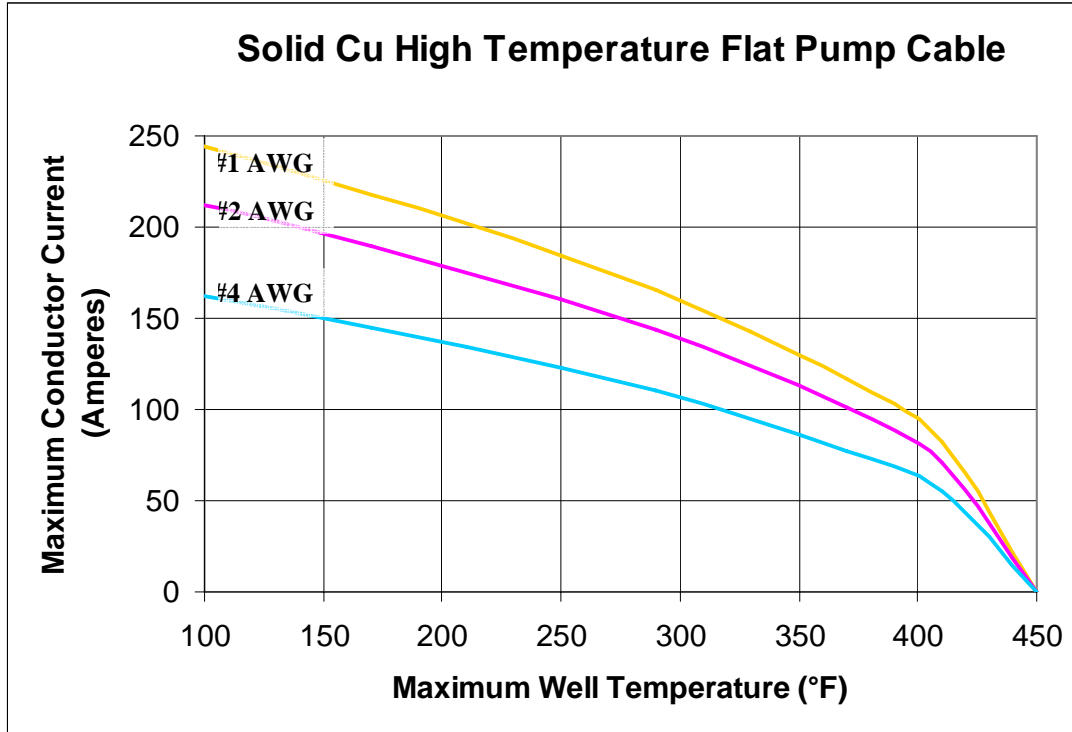


Draka

Marine, Oil & Gas International

Application Data

Conductor operating temperature recommended guidelines are based on Neher-McGrath calculations presented in IEEE Std 1018 and 1019.



THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND ITS USE IS DISCLOSED IN CONFIDENCE.