

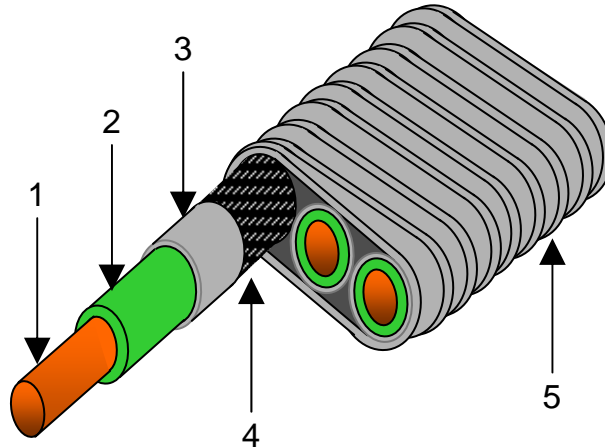


Draka

Marine, Oil & Gas International

Type MTF3 Flat Electrical Submersible Pump Cable

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



Medium Temperature Flat (MTF3) cables are rated 5kV for operating temperatures up to 250°F. They provide good performance in moderately 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)
1MTF3015-000MOG	1 (42.4)	0.29 (7.4)	0.47 (11.9)	1.85 x 0.70 (47.0 x 17.8)	2.4 (3.6)
1MTF3025-000MOG	2 (33.6)	0.26 (6.6)	0.44 (11.2)	1.76 x 0.67 (44.7 x 17.0)	2.1 (3.1)
1MTF3045-000MOG	4 (21.1)	0.20 (5.1)	0.38 (9.7)	1.60 x 0.62 (40.6 x 15.7)	1.7 (2.5)

Note: All dimensions are subject to normal manufacturing tolerances

Optional Features

Monel (1MTF30x5-010) or Stainless Steel Armor (1MTF30x5-020)

3/8" Stainless Steel Injection/Capillary Tube (1MTF30x5-100)

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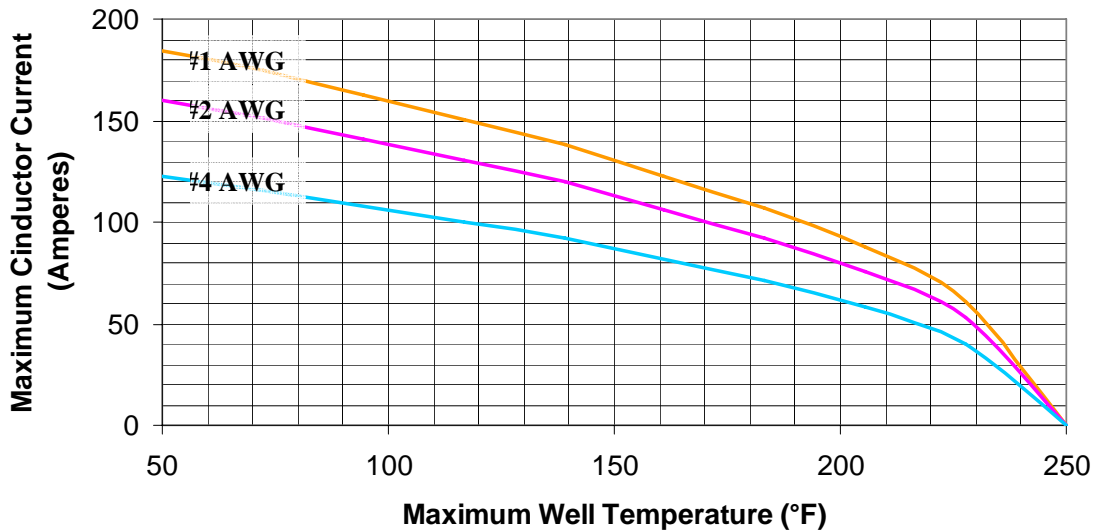
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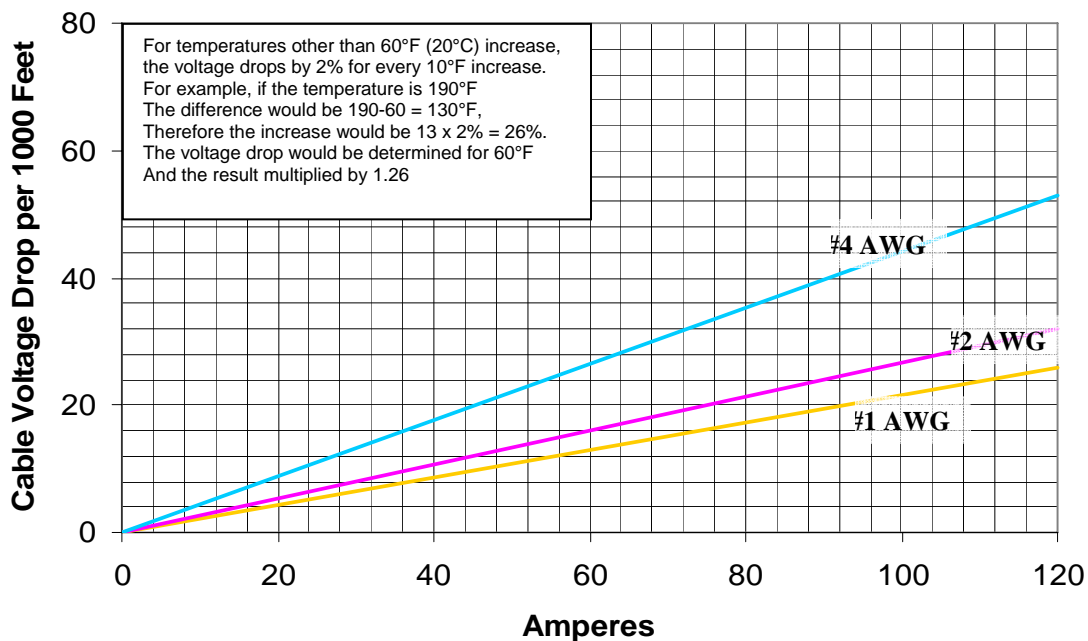
Application Data

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

Solid Cu Medium Temperature Flat Pump cable



Voltage Drop



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