

APPLICATIONS

FLAT SUBMERSIBLE PUMP CABLES (METHANE GAS) are for use within the well casing for wiring deep-well submersible water pumps. They are flexible, heat and moisture resistant, and meet all appropriate UL standards.

FEATURES AND BENEFITS

1. CONDUCTORS

Circuit conductors are extra-flexible stranded (Class K), soft-drawn bare copper per ASTM B-3 and ASTM B-172 for high flexibility.

Grounding conductor is (Class K 105/30), soft-drawn bare copper per ASTM B-3 and ASTM B-172 for high flexibility.

Conductors are color-coded black, yellow, red with a green ground.

2. INSULATION

Heat and moisture resistant PVC per UL-83 for Type TW wires meeting the thickness requirements of UL-83 Table 10. Acceptable for use at 60°C dry or wet. Circuit and ground conductors have the same insulated outer diameters.

3. CABLING

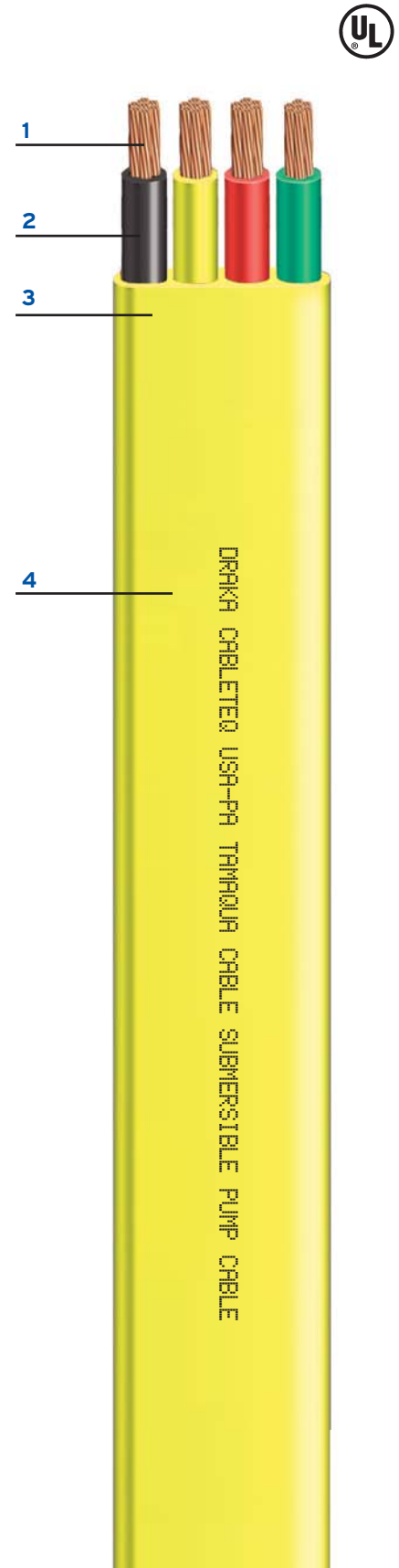
Flat parallel conductor grouping, with the jacketing applied directly over and between the conductors.

4. JACKET

Yellow heat and moisture resistant PVC jacket per UL-83 meeting the thickness requirements of UL-83 Table 34. The cable is printed DRAKA CABLETEQ USA-PA TAMAQUA CABLE SUBMERSIBLE PUMP CABLE 3/C (size of conductor) + 1/C (size of conductor) GRND TW CRDS 600V (UL) (sequential footage).

RATINGS

UL Listed TW





FLAT SUBMERSIBLE PUMP CABLE (METHANE GAS)

PVC / insulated conductors
10, 8 and 6 AWG / PVC jacket / 600 volts

Part Number	Circuit Conductor Number, Size and Stranding	Ground Conductor Size	Circuit Conductor Insulation Thickness PVC in (mm)	Ground Conductor Insulation Thickness PVC in (mm)	Average Jacket Thickness in (mm)	Nominal Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
376264	3/C 10 AWG (105/30)	10 AWG	.030 (0.76)	.030 (0.76)	.060 (1.5)	1.050 x 0.320 (26.7 x 8.1)	299 (445)
376259	3/C 8 AWG (168/30)	10 AWG	.045 (1.14)	.067 (1.70)	.080 (2.0)	1.365 x 0.440 (34.7 x 11.2)	511 (760)
376261	3/C 6 AWG (259/30)	10 AWG	.060 (1.52)	.102 (2.59)	.080 (2.0)	1.660 x 0.515 (42.2 x 13.1)	737 (1097)

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.