

# Submersible Pump Cable — Water Well, Dewatering & Industrial

600V | Round & Flat Constructions | EPDM / PVC | Fresh & Salt Water Rated

## PRODUCT OVERVIEW

Mirabel Energy USA submersible pump cable is the specified conductor for powering submersible electric pumps in water wells, municipal water supply systems, mine dewatering operations, industrial process water systems, and agricultural irrigation installations. Available in both round and flat constructions to accommodate different pump column pipe configurations and cable clipping requirements, submersible pump cable is designed for continuous immersion in fresh or salt water at depths from a few feet to several hundred feet — maintaining insulation integrity and conductor continuity over decades of service. EPDM insulation is the preferred option for deep-set and demanding applications, providing superior water resistance, flexibility, and long-term dielectric stability compared to PVC alternatives. Flat cable constructions are typically clipped to the pump drop pipe at regular intervals and pulled through narrow well casings; round constructions are used in larger borehole applications. Available with and without ground conductor, in 2-wire and 3-wire configurations for single-phase and three-phase pump motors.

<b>600V</b> Voltage Rating	<b>75°C / 90°C</b> Temperature Rating	<b>Continuous Immersion</b> Duty Rating	<b>Round &amp; Flat</b> Constructions
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## APPLICATIONS

- Municipal and private water supply well pump power cable
- Mine dewatering pump power supply — shallow and deep-set applications
- Agricultural center-pivot irrigation pump cables
- Industrial cooling tower and process water pump cable
- Geothermal heating system submersible pump power cable
- Fountain, decorative water feature, and aquaculture pump supply

## KEY SPECIFICATIONS

- Round and flat constructions — compatible with all major pump configurations
- EPDM insulation: superior water-tree resistance, flexibility, long service life
- PVC insulation available for lower-cost shallow-well applications
- Moisture-resistant polypropylene or EPDM jacket — continuous immersion rated
- 2-wire (single-phase) and 3-wire (3-phase) conductor configurations
- Optional ground conductor in flat 3-wire constructions
- Rated for fresh and salt water immersion — #14 AWG through #2 AWG
- NEMA WC57 / UL 62 listed — well driller and pump contractor standard

## TECHNICAL SPECIFICATIONS

Parameter	Round Construction	Flat Construction
Voltage Rating	600V	600V
Temperature Rating	75°C (PVC) / 90°C (EPDM)	75°C (PVC) / 90°C (EPDM)
Insulation	EPDM or PVC	EPDM or PVC
Jacket	PP or EPDM	PP or EPDM
Configurations	2-wire, 3-wire + gnd	2-wire, 3-wire + gnd
Conductor Sizes	#14 AWG – #2 AWG	#14 AWG – #2 AWG
Standard	NEMA WC57 / UL 62	NEMA WC57 / UL 62

<b>CONDUCTOR SIZES &amp; CONFIGS</b> #14 AWG – #2 AWG   Round and flat   2-wire and 3-wire   EPDM or PVC insulation	<b>STOCKING LOCATIONS</b> Reno, NV · Houston, TX Standard & project-phased delivery	<b>OEM REPRESENTATIVE</b> GCP Energy LLC — Salt Lake City, UT portal.gcpenergy.us
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