



Submersible Pump Cable TYPE THW ROUND JACKETED 75°C/600V

Description & Features:

UL listed Type THW twisted submersible pump cable is a multi-purpose cable with individually insulated color coded conductors, green insulated ground (optional) and an overall jacket.

Construction provides copper stranding insulated with a polyvinyl chloride (PVC) compound. A tough PVC jacket is easily stripped to facilitate installation yet provide optimum flexibility, mechanical protection and crush resistance.

- UL listed as Type THW Submersible Pump cable
- Oil and grease resistant conductors
- Acid, alkali, oil and grease resistant jacket
- Weather, ozone and sunlight resistant jacket
- Abrasion and crush resistant
- Sequential Footage Marks

Applications:

- For use within the well casing to supply power to the submersible pump
- Designed for use where extra mechanical protection during installation and operation are required

Construction:

Conductors: Stranded soft annealed copper

Insulation: Thermoplastic polyvinyl chloride (PVC)

Color coding: black, red, yellow, green (ground)

Assembly: The insulated conductors, including the green grounding conductor, are cabled.

Jacket: Black thermoplastic polyvinyl chloride (PVC)

Temperature: 75°C **Voltage:** 600

Specifications & Standards:

UL 83; UL1581; RoHS Compliant

THREE CONDUCTORS WITH NO GROUND

Part Number	Conductor Size, AWG		Dimensions (inches)			Standard Packaging	Ampacity NEC§	Weight (Lbs./Mft.)
	Power	Ground	Insulation	Jacket	O.D.			
PTJ12/3	12 (19str)		.045	.045	.481	500' & 1,000'	20	135
PTJ10/3	10 (19str)		.045	.045	.534	500' & 1,000'	30	182
PTJ8/3	8 (19str)		.060	.045	.663	500' & 1,000'	50	281
PTJ6/3	6 (19str)		.060	.045	.745	500' & 1,000'	65	393
PTJ4/3	4 (19str)		.060	.060	.879	500' & 1,000'	85	589

THREE CONDUCTORS WITH GROUND

PTJ12/3GG	12 (19str)	12 (19str)	.045	.045	.528	500' & 1,000'	20	171
PTJ10/3GG	10 (19str)	10 (19str)	.045	.045	.623	500' & 1,000'	30	233
PTJ8/3GG	8 (19str)	10 (19str)	.060	.045	.732	500' & 1,000'	50	333
PTJ6/3GG	6 (19str)	8 (19str)	.060	.045	.824	500' & 1,000'	65	499
PTJ4/3GG	4 (19str)	8 (19str)	.060	.060	.924	500' & 1,000'	85	675
PTJ2/3GG	2 (19str)	6 (19str)	.060	.060	1.098	500' & 1,000'	115	980

§ Per Table 310-16 of the NEC

#1 AWG through 4/0 AWG round jacketed pump available upon request.

NOTE: Direct burial rated upon request.

All values are nominal; all weights are exclusive of packaging. All diameters and weights are subject to normal manufacturing tolerances.

All sales are subject to Standard Terms & Conditions of Sale.

2010