



THW/Submersible Pump Cable

Heavy Duty Flat Jacketed with Ground 600 Volt Copper

Description & Features:

UL listed Type THW heavy duty flat submersible pump cable is a multi-purpose cable with parallel, individually insulated, color coded conductors, green ground insulated conductor and an overall jacket. Construction provides flexible copper stranding insulated with Type THW (PVC) compound. A tough PVC jacket, with a non-penetrating web, is easily stripped to facilitate installation yet provide optimum flexibility, mechanical protection and crush resistance.

- UL listed as Type THW Submersible Pump Cable
- Acid, alkali, oil and grease resistant
- 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 and flexibility during installation and operation are required

Specifications & Standards:

UL Standard 83; RoHS Compliant

Construction:

Conductors: Flexible stranded soft annealed copper

Insulation: Thermoplastic PVC

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

Assembly: The insulated conductors, including the grounding conductor, are configured flat and parallel without fillers

Jacket: Black thermoplastic PVC applied directly over the conductors with a non-penetrating web

Temperature: 75°C Voltage: 600

THREE CONDUCTORS WITH GREEN INSULATED GROUNDING CONDUCTORS

Part Number	Conductor Size, AWG		Dimensions (inches)			Standard Packaging	Ampacity NEC§	Weight (Lbs./Mft.)
	Power	Ground	Insulation	Jacket	O.D.			
PFB14/3GG	14/3 (7 str)	14 (7 str)	.045	.045	.261 x .763	500' & 1000'	15	145
PFB12/3GG	12/3 (19 str)	12 (19 str)	.045	.045	.280 x .840	500' & 1000'	20	189
PFB10/3GG	10/3 (19 str)	10 (19 str)	.045	.045	.305 x .940	500' & 1000'	30	255
PFB8/3GG	8/3 (19 str)	10 (19 str)	.060	.045	.364 x 1.120	500' & 1000'	50	374
PFB6/3GG	6/3 (19 str)	8 (19 str)	.060	.045	.414 x 1.336	500' & 1000'	65	522
PFB4/3GG	4/3 (19 str)	8 (19 str)	.060	.045	.465 x 1.489	500' & 1000'	85	714
PFB2/3GG	2/3 (19 str)	6 (19 str)	.060	.045	.535 x 1.749	500' & 1000'	115	1,036
PFB1/03GG	1/03 (19 str)	6 (7 str)	.080	.060	.660 x 1.990	Bulk	150	1,613
PFB2/03GG	2/03 (19 str)	6 (7 str)	.080	.060	.700 x 2.120	Bulk	175	1,932
PFB3/03GG	3/03 (19 str)	4 (7 str)	.080	.060	.734 x 2.314	Bulk	200	2,135
PFB4/03GG	4/03 (19 str)	4 (7 str)	.080	.060	.800 x 2.490	Bulk	230	2,871
PFB250/3GG	250/3 (37 str)	4 (7 str)	.095	.080	.925 x 2.807	Bulk	255	3,518
PFB350/3GG	350/3 (37 str)	3 (7 str)	.095	.080	1.031 x 3.153	Bulk	310	4,689
PFB500/3GG	500/3 (37 str)	2 (7 str)	.095	.080	1.163 x 3.590	Bulk	380	6,410

TWO CONDUCTORS WITH GREEN INSULATED GROUNDING CONDUCTORS

PFB14/2GG	14/2 (7 str)	14 (7 str)	.045	.045	.261 x .592	500' & 1000'	15	112
PFB12/2GG	12/2 (19 str)	12 (19 str)	.045	.045	.280 x .654	500' & 1000'	20	152
PFB10/2GG	10/2 (19 str)	10 (19 str)	.045	.045	.305 x .729	500' & 1000'	30	210
PFB8/2GG	8/2 (19 str)	10 (19 str)	.060	.045	.364 x .828	500' & 1000'	50	276

§ Per Table 310-16 of the NEC

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

* Direct Burial rated in sizes 12 through 500 KCMIL, upon request

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