

## SUBMERSIBLE PUMP CABLES



## RAINBOW WIRE®

### THW

600 Volt Copper, Flat with Ground



### Description:

Stranded copper conductors, insulated with color coded PVC (*type THW*) and bonded together with green insulated ground, configured flat and parallel with no overall jacket.

### Application:

Suitable for use within the well casing to supply power to the pump and where flexibility during installation and operation are required.

### Standards:

UL 83 and UL1581  
Temperature Rated at 75°C Wet/Dry  
Sunlight Resistant, Gasoline and Oil Resistant  
Color Code: Black, Yellow, Red, Green (*ground*)  
RoHS Compliant

Part Number	Conductor Size Power (AWG)	Conductor Size Ground (AWG)	Dimensions Insulation (in.)	Dimensions O.D. (in.)	Standard Packaging (500')	Standard Packaging (1,000')	Ampacity NEC§	Weight (lb./1000')
PRB12/2GG	12/2 (7 str)	12 (7 str)	0.045	0.18 x 0.55	X	X	20	97
PRB10/2GG	10/2 (7 str)	10 (7 str)	0.045	0.21 x 0.61	X	X	30	139
PRB8/2GG	8/2 (7 str)	10 (7 str)	0.060	0.27 x 0.79	X	X	50	210
PRB12/3GG	12/3 (7 str)	12 (7 str)	0.045	0.18 x 0.73	X	X	20	130
PRB10/3GG	10/3 (7 str)	10 (7 str)	0.045	0.21 x 0.82	X	X	30	185
PRB8/3GG	8/3 (7 str)	10 (7 str)	0.060	0.27 x 1.05	X	X	50	285
PRB6/3GG	6/3 (19 str)	8 (7 str)	0.060	0.30 x 1.21	X	X	65	415

NOTE: The data shown is approximate and subject to standard industry tolerances. §Per NEC Table 310.15 (B)(16).