

# Flat Bonded-Type THW

## Construction

**Conductors:** Stranded soft annealed copper.

**Insulation:** Thermoplastic polyvinyl chloride (PVC).

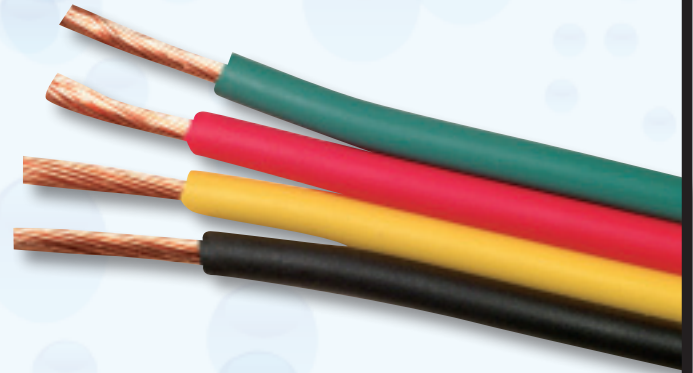
**Color Coding:** black, red, yellow, green (ground).

**Assembly:** Insulated conductors, including the ground conductor, are bonded flat and parallel.

**Temperature:** -25° C to 75° C

**Voltage:** 600 Volts

**Footprint:** Every two feet from 500-0, 1000-0



## Specifications

UL Standard 83

## Application

For use within well casing supplying power to the submersible pump. Maximum conductor operating temperatures of -25° C to 75° C in circuits not exceeding 600 volts.

AWG	Number of Conductors	Part Numbers	Approx. Ship Wt./M'	Conductor Stranding	Overall Dimensions (in.)	Insulation Thickness
14	2 w/grd	PCF14/2G (P)	68.1	19	.161 X .483	.045"
14	3 w/grd	PCF14/3G (P)	90.8	19	.161 X .644	.045"
12	2 wo/grd	PCF12/2 (P)	63.8	19	.180 X .360	.045"
12	2 w/grd	PCF12/2G (P)	95.7	19	.180 X .540	.045"
12	3 wo/grd	PCF12/3 (P)	95.7	19	.180 X .540	.045"
12	3 w/grd	PCF12/3G (P)	127.6	19	.180 X .720	.045"
10	2 wo/grd	PCF10/2 (P)	91.2	19	.203 X .406	.045"
10	2 w/grd	PCF10/2G (P)	136.8	19	.203 X .609	.045"
10	3 wo/grd	PCF10/3 (P)	136.8	19	.203 X .609	.045"
10	3 w/grd	PCF10/3G (P)	182.4	19	.203 X .812	.045"
8	2 w/10grd	PCF08/2G (P)	206.2	19	.263 X .729	.060"
8	3 wo/grd	PCF08/3 (P)	222.0	19	.263 X .789	.060"
8	3 w/10grd	PCF08/3G (P)	280.2	19	.263 X .992	.060"
6	3 w/8grd	PCF06/3G (P)	326.2	19	.299 X 1.160	.060"
4	3 w/8grd	PCF04/3G (P)	580.8	19	.346 X 1.301	.060"

**Conductor Color Code:** 2 conductor = black, red, green ground, 3 conductor = black, yellow, red, green ground.

**Put-up Codes (P):** 1=500' put-up or 2=1000' put-up.