

Twisted-Type THW

Construction

Conductors: Solid or stranded soft annealed copper.

Insulation: Thermoplastic polyvinyl chloride (PVC).

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

Assembly: Insulated conductors, including the ground conductor, are twisted.

Temperature: -25° C to 75° C

Voltage: 600 Volts



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	PCT14/2G (P)	65.4	solid	0.332	.045"
14	3 w/grd	PCT14/3G (P)	87.2	solid	0.372	.045"
12	2 w/grd	PCT12/2 (P)	61.2	solid	0.350	.045"
12	2 w/grd	PCT12/2G (P)	91.8	solid	0.369	.045"
12	3 w/grd	PCT12/3 (P)	91.8	solid	0.369	.045"
12	3 w/grd	PCT12/3G (P)	122.4	solid	0.413	.045"
10	2 w/grd	PCT10/2G (P)	132.3	solid	0.414	.045"
10	3 w/grd	PCT10/3 (P)	132.3	solid	0.414	.045"
10	3 w/grd	PCT10/3G (P)	176.4	solid	0.464	.045"
8	2 w/10grd	PCT08/2G (P)	192.7	19	0.542	.060"
8	3 w/10grd	PCT08/3G (P)	266.7	19	0.611	.060"
6	3 w/8grd	PCT06/3G (P)	398.3	19	0.721	.060"
4	3 w/8grd	PCT04/3G (P)	557.9	19	0.813	.060"
2	3 w/6grd	PCT02/3G (P)	840.4	19	0.948	.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.