

Regency Wire & Cable

830 South West Street, Sikeston MO 63801

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Twisted

TYPE – THW, WITH GROUND
75° C / 600 VOLT



CONSTRUCTION

- **Conductors:** Solid or Stranded soft annealed copper
- **Insulation:** Thermoplastic polyvinyl chloride (PVC)
- **Color Coding:** black, red, yellow, green (ground)
- **Assembly:** The individually insulated conductors are twisted with a green insulated grounding conductor and without an overall jacket
- **Temperature:** 75° C
- **Voltage:** 600 Volts

SPECIFICATIONS UL Standards 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'	Overall Dimensions (in.)	Conductor Stranding	Insulation Thickness
14	2 w/grd	PCT14/2G	65	.341	solid	.045"
14	3 w/grd	PCT14/3G	87	.382	solid	.045"
12	2 w/grd	PCT12/2G	92	.378	solid	.045"
12	3 w /grd	PCT12/3G	122	.424	solid	.045"
10	2 w /grd	PCT10/2G	132	.423	solid	.045"
10	3 w/grd	PCT10/3G	176	.474	solid	.045"
8	3 w/ #10 grd	PCT08/3G	266	.611	19	.060"
6	3 w/ #8 grd	PCT06/3G	398	.721	19	.060"
4	3 w/ #8 grd	PCT04/3G	558	.813	19	.060"

12	3 without grd	PCT12/3	92	.378	solid	.045
10	3 without grd	PCT10/3	132	.423	solid	.045

Conductor Color Code: 2 conductor = black, red, green ground, 3 conductor = black, yellow, red, green ground. Put-up Codes: 1=500' put-up or 2=1000' put-up.

