

PUMP CABLE ROUND HEAVY DUTY JACKETED



DESCRIPTION:

TYPE – THW, sequentially marked, UL Standard 83

APPLICATION:

For use within well casing supplying power to the submersible pump. 10 AWG and 12 AWG are dual rated for submersible and direct burial. Maximum conductor operating temperatures of –25 C to 75 C in circuits not exceeding 600 volts.

CONSTRUCTION:

CONDUCTOR: Stranded soft annealed copper (ASTM Spec. B-3). Stranded (12 awg thru 1/0)

INSULATION: Thermoplastic polyvinyl chloride (PVC)

COLOR CODING: black, red, yellow, green (ground)

ASSEMBLY: Insulated conductors, including the ground conductor, are twisted

JACKET: Black thermoplastic polyvinyl chloride (PVC) extruded over the twisted conductors

TEMPERATURE: 75° C

VOLTAGE: 600 Volts

Conductor							
Size (AWG)	Stranding	Number of Conductors	Part Numbers	Approx. Ship Wt./M'	Insulation Inner Thickness	Jacket Thickness (PVC)	Overall Dimensions (in.)
12	19	3 w/grd	PCR12/3G	201	.045	.045	.525
10	19	3 w/grd	PCR10/3G	266	.045	.060	.610
8	19	3 w/10grd	PCR08/3G	377	.060	.045	.725
6	19	3 w/8grd	PCR06/3G	576	.060	.045	.812
4	19	3 w/8grd	PCR04/3G	756	.060	.060	.955
2	19	3 w/6grd	PCR02/3G	1120	.060	.060	1.1
1/0	19	3 w/6grd	PCR1A/3G	1445	.060	.060	1.241

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.

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