

# PUMP CABLE FLAT HEAVY DUTY JACKETED



RoHS  
Compliant



## DESCRIPTION:

TYPE – THW, footprint every two feet, 500-0, 1000-0, 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 and is sunlight resistant.

## CONSTRUCTION:

**CONDUCTOR:** Stranded soft annealed copper

**INSULATION:** Thermoplastic polyvinyl chloride (PVC)

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

**ASSEMBLY:** Insulated conductors, including the ground conductor, are assembled flat and parallel

**JACKET:** Black thermoplastic polyvinyl chloride (PVC) extruded over the parallel 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.)
14	19	2 w/grd	PCH14/2G	104	.045	.045	.191x.513
14	19	3 w/grd	PCH14/3G	124	.045	.045	.191x.674
12	19	2 w/grd	PCH12/2G	131	.045	.045	.210x.570
12	19	3 w/grd	PCH12/3G	161	.045	.045	.210x.750
10	19	2 w/grd	PCH10/2G	18	.045	.045	.233x.639
10	19	3 w/grd	PCH10/3G	246	.045	.045	.233x.842
8	19	2 w/#10grd	PCH08/2G	260	.045	.045	.323x.849
8	19	3 w/#10grd	PCH08/3G	342	.045	.045	.323x1.113
6	19	3 w/#8grd	PCH06/3G	525	.060	.045	.359x1.256
4	19	3 w/#8grd	PCH04/3G	706	.060	.045	.406x1.444
2	19	3 w/#6grd	PCH02/3G	1059	.060	.045	.466x1.684
1/0	19	3 w/6grd	PCH1A/3G	1721	.080	.060	.660x1.990
2/0	19	3 w/6grd	PCH20/3G	2000.3	.080	.060	.700x2.120
3/0	19	3 w/4grd	PCH30/3G	2506.0	.080	.060	.734x2.314
4/0	19	3 w/4grd	PCH40/3G	2999.6	.080	.060	.800x2.490

**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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