

PUMP CABLE FLAT HEAVY DUTY JACKETED



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.

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.



830 South West Street / Sikeston, MO 63801
800.876.3020 / F: 800.333.5676