

# PORTABLE POWER CABLE

## Double Neoprene Jacketed Remote Drill Cord

90°C • 600V • MSHA Approved

### FEATURES

- MSHA Approved
- Sunlight resistant
- Heavy duty, crush and abrasion resistant
- Passes MSHA Flame Test

### APPLICATIONS

These cables are designed for heavy duty applications and a long service life in wet or dry locations in underground mines in accordance with Schedule 2G of the U. S. Bureau of Mines.

### CONSTRUCTION

#### Copper Conductors

Flexible bunch stranded, uncoated annealed copper per ASTM B3/B174 and ICEA S-68-516. A separator tape is applied over the conductor.

#### Insulation

90°C rated heat and moisture resistant EPR insulation per ICEA S-68-516 part 3 and UL requirements

#### Color Code

- 3/C: Black, white, and green
- 4/C: Black, white, red, and green
- 5/C: Black, white, red, green, and orange

#### Cabling

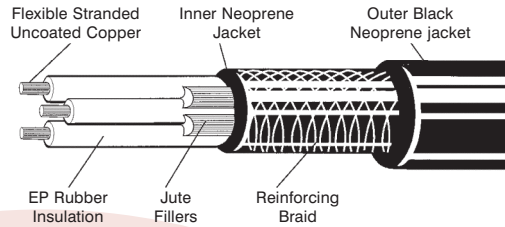
The conductors are cabled together with treated jute fillers as needed.

#### Jacket

Double layer, heavy duty, heat and abrasion resistant black neoprene per ICEA S-68-516, Table 7.4-4.A. Reinforced yarn shall be applied as an open braid between the two layers.

#### Cable Identification

Indent print on jacket  
 "(size) (no. of conds.) Remote Control & Drill  
 Cord, 600V—P-XXX-MSHA"



PART NUMBER	SIZE/ NO. OF CONDS.	STRANDING	INS. WALL (MILS)	NOM. WALL (MILS)	DIAMETER (INCHES)	AMPS*	APPROX. WEIGHT LBS./M FT.
04-0415	14/3	41/.010	45	110	0.67 +/- .020	15	265
04-0417	14/4	41/.010	45	145	0.71 +/- .020	12	290
04-0419	14/5	41/.010	45	155	0.78 +/- .030	12	350
04-0421	12/5	65/.010	45	155	0.83 +/- .030	16	450
04-0423	10/5	104/.010	45	155	0.90 +/- .030	20	550

\*Based on 30°C ambient temperature in air. See ICEA S-60-516 Appendix N for correction factors if one or more layers are wound on a reel.

»Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.