

PORTABLE POWER CABLE

Bus Drop Cable

PVC/Nylon Insulation with Grey PVC Jacket
 14 - 8 AWG 75°C Wet and Dry • 6 - 2 AWG 60°C Wet or Dry • 600V



OSHA Acceptable

FEATURES

- UL listed
- OSHA acceptable
- Sunlight resistant
- Meets requirements of NEC Section 364-8

APPLICATIONS

Designed for indoor and outdoor use in wet or dry locations for the connection of portable or stationary equipment to facilitate their interchange.

CONSTRUCTION

Insulated Power Conductors

Bare, annealed copper per ASTM B-3
 Compressed stranded per UL-83

Insulation

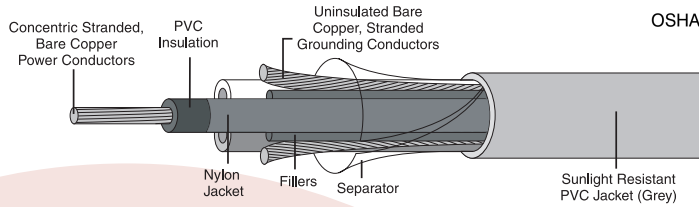
Color coded Thermoplastic Insulation Nylon jacketed UL-83

Uninsulated Grounding Conductors

Bare, annealed copper per ASTM B-3
 Concentric stranded per ASTM B-8 (or compressed per UL-83)

Cabling

Three power conductors and three grounding conductors (one per interstice) are assembled round with fillers as needed. A separator is applied over the assembly.



PART NUMBER	POWER CONDS.			GROUNDING CONDS.			DIMEN. INCHES		AMPS ¹	SHIP WT. LBS./M FT.
	NO.	AWG	STRAND	NO.	AWG	STRAND	JKT.	O.D.		
04-0401	3	14	19x.0147	3	18	7x.0152	.045	.340	15	96
04-0403	3	12	19x.0185	3	16	7x.0192	.045	.385	20	135
04-0405	3	10	19x.0234	3	14	7x.0242	.045	.455	30	200
04-0407	3	8	19x.0295	3	14	7x.0242	.060	.600	40	314
04-0409	3	6	19x.0372	3	14	7x.0242	.060	.680	55	489
04-0411	3	4	19x.0469	3	12	7x.0305	.080	.870	70	838
04-0413	3	2	19x.0591	3	12	7x.0305	.080	1.000	95	1118

¹ Ampacities (Amps per conductor) are based on 30°C ambient temperature in air, 90°C conductor temperature.

Jacket (Sunlight resistant 720 hours)

Polyvinyl chloride (PVC) Light Gray
 UL-62

Color Coding

Black, White, Red

Cable Identification

Indent print on jacket, 14 - 8 AWG:
 "(size)/3 Bus Drop Cable 600V 75°C Wet or Dry Indoor or Outdoor - (UL)"

Indent print on jacket, 6 - 2 AWG:
 "(size)/3 Bus Drop Cable 600V 60°C Wet or Dry Indoor or Outdoor - (UL)"

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

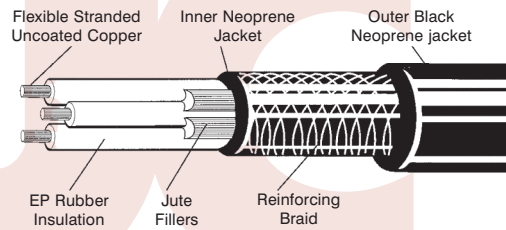
90°C rated heat and moisture resistant EPR insulation per ICEA S-68-516 part 3 and UL requirements

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.



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.

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"



PITTSBURGH WIRE & CABLE INC.

www.pittsburghwire.com

Sales and Ordering: 1-800-458-1222