PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 30209
DESCRIPTION: 4/0 AWG UL TYPE PPE CABLE
CONSTRUCTION: This cable consists of one bare copper conductor and TPE insulation and jacket.
APPROVALS: UL Type PPE, PPC/TPE CSA C22.2 No. 96, NEC Article 400., MSHA
APPLICATION: 2000V Portable Wet Rated Submersible Outdoor Flexible Power Cable

Construction Parameters:

Conductor	4/0 AWG Bare Copper
Stranding	19x111/30
Insulation Material	TPE
Insulation Thickness	0.082" Nom.
Insulated Conductor Diameter	0.709" Nom.
Number of Conductors	1
Jacket Reinforcement	Nylon Mesh Braid
Jacket Material	TPE
Jacket Thickness	0.115" Nom.
Overall Cable Diameter	0.939" Nom.
Approximate Cable Weight	994.3 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test

Electrical Properties:

Temperature Rating	-50^{O}C to 90^{O}C Dry, 75^{O}C Wet
Operating Voltage	2000V RMS Max.
DC Resistance per Conductor @ 20^{O}C	0.049 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5b)	405 amps/cond (Assume one current carrying conductor in free air)

Insulation Colors	Black
Jacket Color	Black
Legend (Indent)	CCI SEOPRENE 4/0 AWG TYPE PPE E172226 (UL) 2000V 90C DRY 75C WET C(UL) TYPE PPC/TPE 2000V -40C TO 105C 75C WET FT-5 SUNLIGHT RESISTANT P-241-3-MSHA

This product complies with European Directive 2002/95/EC (RoHS)

INSTALLATION GUIDELINES

Cable Breaking Tension, Max., Lbs.:	6,300
Cable Yield Tension, Max., Lbs.:	1,650
Cable Bending Radius, Min., Inches	6
Pulling Lubricants:	3M Lube-I Series, Polywater Dynablue, or equivalent; soaps & mineral greases
Kellem Grip Length Coverage, Min., Inches	19

General Installation Comments:
1. Never exceed the cable yield tension else conductor "neckdown" (cross sectional area reduction) can occur.
2. Factors affecting pull include: a) type & diameter of duct, b) type & diameter of cable, c) length of pull, d) no. of horizontal &
3. If using a winch for the pull-in, pulling tension will not always be smooth so surges must be considered to insure that the
4. Note that the minimum bending radius is based upon the inner cable surface of the bend, not on the cable central axis nor
5. Cables should be would slowly and smoothly off of the reel without twists, bends, or kinks in the cable.
6. The cable must never be pulled from a coil or as a coil from a reel laid on its flange.
7. Never exceed the minimum cable bend radius

Note: Type PPE cable is identical to Type W cable except it has TPE insulation and jacket.
Packaging will be Coleman's standard wooden reels with shrink-wrap over the cable.
On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

Specification Issue Date: August 2, 2012