



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 30281
DESCRIPTION: 6/5 STRANDED TYPE PPE PORTABLE POWER CABLE
CONSTRUCTION: This cable consists of five bare copper TPE insulated conductors twisted with fillers and an overall TPE jacket.
APPROVALS: UL Type PPE, PPC/TPE CSA C22.2 No. 96, NEC Article 400., MSHA
APPLICATION: 2000V Portable Water Resistant Outdoor Submersible Flexible Power Cable

Construction Parameters:

Conductor	6 AWG Bare Copper
Stranding	7x37/30
Insulation Material	TPE
Insulation Thickness	0.062" Nom.
Insulated Conductor Diameter	0.326" Nom.
Number of Conductors	5
Lay Length	8.25" Nom.
Filler Type	Non-Wicking Polypropylene
Separator/Wrap	Paper
Jacket Material	TPE
Jacket Thickness	0.165" Nom.
Overall Cable Diameter	1.210" Nom.
Approximate Cable Weight	825.2 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test MSHA

Electrical Properties:

Temperature Rating	-50°C to 90°C DRY, 75°C WET
Operating Voltage	2000V RMS Max
DC Resistance per Conductor @ 20°C	0.40 Ohms/1M'
Ampacity per NEC Table 400-5(b)	69 amps/cond. (Assume four current carrying conductors)

Insulation Colors	Black White Red Green Orange
Jacket Color	Black (Other colors available for minimum order)
Legend (Indent)	CCI SEOPRENE 6/5 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)

Note: Type PPE cable is identical to Type W cable except it has TPE insulation and jacket.

On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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