



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 30274
DESCRIPTION: 500 MCM 4/C STRANDED TYPE PPE PORTABLE POWER CABLE
CONSTRUCTION: This cable consists of four 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	500 MCM Bare Copper
Stranding	61x7/.0342"
Insulation Material	TPE
Insulation Thickness	0.100" Nom.
Insulated Conductor Diameter	1.123" Nom.
Number of Conductors	4
Lay Length	25.00" Nom.
Filler Type	Non-Wicking Polypropylene
Separator/Wrap	Reinforced Mylar Wrap
Jacket Material	TPE
Jacket Thickness	0.333" Nom.
Overall Cable Diameter	3.400" Nom.
Approximate Cable Weight	8666.2 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	600V/2KV RMS Max
Ampacity	536 Amps/Conductor (Assume three current carrying conductors)
DC Resistance per Conductor @ 20°C	0.02 Ohms/1M'

Insulation Colors	Black White Red Green
Jacket Color	Black

Legend (Indent Print)	CCI SEOPRENE 500 MCM 4/C 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
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This product complies with European Directive 2002/95/EC (RoHS)

The customer will accept all mil lengths and +/- 10 percent of total order requested.

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