



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 20145  
**DESCRIPTION:** 18/4 STRANDED SJTOW FLEXIBLE POWER CABLE  
**CONSTRUCTION:** This cable consists of four bare copper insulated conductors cabled with fillers with an overall jacket.  
**APPROVALS:** Underwriter's Laboratory, Canadian Standards Association, NEC Article 400  
**APPLICATION:** 300 Volt Outdoor and Oil Portable Power Cable Applications

## Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	16/30
Insulation Material	PVC
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.108" Nom.
Number of Conductors	4
Lay Length	2.00" Nom.
Lay Direction	All Layers Left Hand Lay
Filler	Polypropylene
Separator	Paper Tissue
Jacket Material	PVC
Jacket Thickness	0.034" Nom.
Overall Cable Diameter	0.330" Nom.
Approximate Cable Weight	63 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test

## Electrical Properties:

Temperature Rating	-20°C to 60°C
Operating Voltage	300 V RMS Max.
DC Resistance per Conductor @ 20°C	6.49 Ohms/1M' Nom.

Insulation Colors	Black White Red Green
Jacket Color	Yellow or Gray (Other colors available for minimum order)

Legend (Indent Print) CCI ROYAL  18 AWG (0.82mm<sup>2</sup>) 4/C SJTOW (UL) 300V 60C -- CSA LL39753 SJTOW 300V 60C FT1 WATER-RESISTANT

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

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

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Customer Name \_\_\_\_\_

Customer Approval \_\_\_\_\_

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