



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

PART NUMBER: 20135
DESCRIPTION: 18/3 STRANDED SJTOW FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of three 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 3
Lay Length 1.75" Nom.
Lay Direction All Layers Left Hand Lay
Filler Polypropylene
Separator Paper Tissue
Jacket Material PVC
Jacket Thickness 0.036" Nom.
Overall Cable Diameter 0.305" Nom.
Approximate Cable Weight 46.7 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 Green
Jacket Color Gray or Yellow (Other colors available for minimum order)

Legend (Indent Print) CCI ROYAL  18 AWG (0.82mm²) 3/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 _____

Specification Issue Date: February 4, 2011

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