



Southwire®

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PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
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PART NUMBER: TBD
DESCRIPTION: 1 PAIR 14 AWG BRAIDED SIS CABLE
CONSTRUCTION: This cable consists of one pair with tinned copper conductor with integral insulation/jacket and overall braided shield.
APPROVALS: Inner cable is built to UL Standard 44 and CSA 22.2 No. 38. **Overall cable with an overall braided shield is not listed.**
APPLICATION: Thermoset Insulated Switchboard/Equipment Wiring Applications.

Construction Parameters:

Conductor	14 AWG Tinned Copper
Stranding	41/30
Insulation Material	XLPE
Insulation Thickness	0.030" Nom.
Insulated Conductor Diameter	0.127" Nom.
Cabling	0.254" Nom. 3 1/2" Lay Length
Braided Shield	36 AWG TC 85% Coverage
Overall Cable Diameter	0.282" Nom.
Approximate Cable Weight	50.0 Lbs/1M' Nom.
Flame Rating	VW-1 or FT1 Vertical Flame Tests

Electrical Properties:

Temperature Rating	-20°C to 90°C Dry/Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	2.82 Ohms/1,000'

Insulation/Jacket Color	Gray, Gray with White Extruded Stripe
Legend (Surface Ink Print)	14 AWG (5.26mm ²) E137925 (UL) XHHW-2 OR SIS 90C 600V VW-1 -- 156016 CSA SIS 90C 600V -40C FT1 FT2 VW-1

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 IEWC
Customer Approval Charlie Mead

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