



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 18010
DESCRIPTION: 1 AWG XHHW-2 CABLE
CONSTRUCTION: This cable consists of one bare copper conductor with integral insulation and jacket.
APPROVALS: UL Standard 44 and CSA 22.2 No. 38.
APPLICATION: Thermoset Insulated Distribution Panel/Equipment Wiring Applications.

Construction Parameters:

Conductor	1 AWG Bare Copper
Stranding	19/.0664"
Insulation Material	XLPE
Insulation Thickness	0.065" Nom.
Insulated Conductor Diameter	0.443" Nom.
Approximate Cable Weight	312.6 Lbs/1M' Nom.
Flame Rating	CSA FT1 Vertical Flame Test

Electrical Properties:

Temperature Rating	-20°C to 90°C Dry/Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.12 Ohms/1M' Nom.

Insulation/Jacket Color	Colors vary
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Legend (Surface Ink Print)	CCI ROYAL 1 AWG (42.4mm ²) E137925 (UL) XHHW-2 90C 600V -- C(UL) RW90 XLPE 90C WET OR DRY 600V FT1
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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 11, 2011