



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 18012  
**DESCRIPTION:** 12 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.

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## Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	7/.0305"
Insulation Material	XLPE
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.154" Nom.
Approximate Cable Weight	28.1 Lbs/1M' Nom.
Flame Rating	CSA FT1 Vertical Flame Test

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## Electrical Properties:

Temperature Rating	-20°C to 90°C Dry/Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	1.60 Ohms/1M' Nom.

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Insulation/Jacket Color	Colors vary
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Legend (Surface Ink Print)	CCI ROYAL 12 AWG (3.309mm <sup>2</sup> ) 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 \_\_\_\_\_

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