



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 18500
DESCRIPTION: 500 MCM 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 Equipment Wiring Applications.

Construction Parameters:

Conductor	500 MCM Bare Copper
Stranding	37 Strand
Insulation Material	XLPE
Insulation Thickness	0.075" Nom.
Insulated Conductor Diameter	0.941" Nom.
Approximate Cable Weight	1698.6 Lbs/1M' Nom.
Flame Rating	CSA FT4 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	0.02 Ohms/1M' Nom.

Insulation/Jacket Color	Colors vary
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Legend (Surface Ink Print)	CCI ROYAL 500 MCM (253mm ²) E137925 (UL) XHHW-2 90C 600V FOR CT USE VW-1 -- 156016 CSA RW90 90C DRY/90C WET 600V PRI -40C FT1 FT4/IEEE 1202
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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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