PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 10414
DESCRIPTION: 1 WELDING CABLE
CONSTRUCTION: This cable consists of one bare copper conductor with integral insulation and jacket.
APPLICATION: Welding Cable Applications

Construction Parameters:

Conductor	1 AWG Bare Copper
Stranding	784 strands
Insulation Material	EPR
Separator/Wrap	Tape Separator
Insulation Thickness	0.084'' Nom.
Insulated Conductor Diameter	0.498'' Nom.
Number of Conductors	1
Approximate Cable Weight	321.4 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-50°C to 105°C
Operating Voltage	600V Max
DC Resistance per Conductor @ 20°C	0.133 Ohms/1M'

Insulation Color	Black (Other colors available for minimum order)
Legend (White Surface Ink Print)	**CCI ROYAL/EXCELENE® L (40mm^2) WELDING CABLE 600V 50C TO +105C MADE IN USA**

This product complies with European Directive 2002/95/EC (RoHS)
On special orders, the customer will accept all mil lengths and +/- 10 percent of total order requested.

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Customer Name_____ Date Signed_____
Customer Approval _____

Specification Issue Date: July 30, 2010

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