



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 10417  
**DESCRIPTION:** 3/0 WELDING CABLE  
**CONSTRUCTION:** This cable consists of one bare copper conductor with integral insulation and jacket.  
**APPLICATION:** Welding Cable Applications

## Construction Parameters:

Conductor	3/0 AWG Bare Copper
Stranding	1615 Strands
Insulation Material	EPR
Separator/Wrap	Tape Separator
Insulation Thickness	0.084" Nom.
Insulated Conductor Diameter	0.635" Nom.
Number of Conductors	1
Approximate Cable Weight	601.2 Lbs/1M' Nom.

## Electrical Properties:

Temperature Rating	-50°C to 105°C
Operating Voltage	600V Max
DC Resistance per Conductor @ 20°C	0.067 Ohms/1M'

Insulation Color Black (Other colors available for minimum order)

Legend (White Surface Ink Print)

 **CCI ROYAL/EXCELENE®**  **3/0 (81mm<sup>2</sup>) 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 \_\_\_\_\_

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