



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
Toll-Free (800) 323-9355  
Fax: (847) 689-1192

**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 Bare Copper
Stranding	1615 Strands
Insulation Material	EPDM
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.  
The jacket is sequentially footprinted.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman cable disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Customer Name \_\_\_\_\_ Date Signed \_\_\_\_\_  
Customer Approval \_\_\_\_\_

Specification Issue Date: September 2, 2011