

# SPECIFICATION CONTROL DRAWING

**CXA-0170**

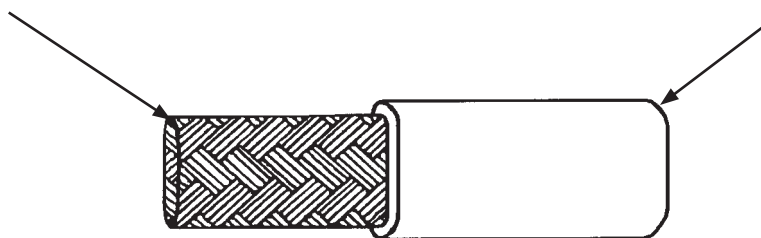
TITLE POWER CABLE

Date 7-2-07

Revision C

CONDUCTOR - BRAIDED BARE COPPER

INSULATION - THERMORAD 790



CONSTRUCTION DETAILS						
PART NUMBER <i>1/</i>	BRAIDED COPPER CONDUCTOR (AWG EQUIV.)	CONDUCTOR STRANDING (number x AWG)	TARGET CONDUCTOR DIAMETER (in.)	FINISHED WIRE		
				NOMINAL RESISTANCE AT 20°C (ohms/1000 ft.)	NOMINAL DIAMETER (in.)	NOMINAL WEIGHT (lbs/1000 ft.)
CXA-0170-0000-0	0000	2304 x 30	1.25 x 0.40	.056	1.340 x 0.490	951.

### WIRE RATINGS AND ADDITIONAL REQUIREMENTS

VOLTAGE RATING: 600 volts (rms) at sea level  
 INSULATION ELONGATION AND TENSILE STRENGTH:  
 Elongation 150% (minimum)  
 Tensile Strength, 2000 lbf/in<sup>2</sup> (minimum)

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. CXA-0170-0000-0).

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.  
 Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

*1/* COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.

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DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.  
 REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.



Raychem Wire & Cable  
 501 Oakside Avenue  
 Redwood City, CA 94063-3800  
 Phone: 1-800-227-8816  
 Fax: 1-650-361-6297

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