

# SPECIFICATION CONTROL DRAWING

55PC4236

TITLE THREE CONDUCTOR CABLE, JACKETED, GENERAL PURPOSE, 600 VOLT

Date

11-22-06

Revision

A

This specification sheet forms a part of the latest issue of Raychem Specification 55PC.



## CONSTRUCTION DETAILS

PART NUMBER 1/	CONDUCTOR SIZE (AWG)	JACKET THICKNESS (in.)		DIAMETER (in.)		UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
		LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE							
55PC4236-26*	26	.0055	.0070	.084	.089	.094	5.71	6.16	7.69	8.21	11.28	16.30
55PC4236-24*	24	.0055	.0070	.095	.100	.105	7.69	8.21	10.69	11.28	16.30	23.50
55PC4236-22*	22	.0055	.0070	.108	.113	.118	10.69	11.28	15.61	16.30	23.50	29.53
55PC4236-20*	20	.0060	.0075	.127	.132	.137	15.61	16.30	22.65	23.50	29.53	
55PC4236-18*	18	.0060	.0075	.148	.153	.158	22.65	23.50	28.52	29.53		
55PC4236-16*	16	.0060	.0080	.164	.170	.176	28.52	29.53				

## CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms) at sea level  
 DIELECTRIC WITHSTAND: 1500 volts (rms)  
 CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour  
 JACKET COLOR: White preferred  
 JACKET ELONGATION AND TENSILE STRENGTH:  
 Elongation, 50% (minimum)  
 Tensile Strength, 5000 lbf/in<sup>2</sup> (minimum)

The "\*" in the part numbers above shall be replaced by color code  
 dash separators with a slash separating the component wire colors and a  
 1/ Example: AWG 20, red, yellow and blue component wires ;  
 white jacket: 55PC4236-20-2/4/6-9

PART NUMBER:

*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.

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.

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