

# SPECIFICATION CONTROL DRAWING

**55A6690**

TITLE	WIRE, RADIATION-CROSSLINKED, MODIFIED ETFE-INSULATED, NORMAL WEIGHT, GENERAL PURPOSE, 600 VOLT	Date	12-14-05	Revision	C
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This specification sheet forms a part of the latest issue of Raychem Specification 55A

CONDUCTOR - SILVER-COATED HIGH STRENGTH  
COPPER ALLOY (unilay)  
NOTE: Silver-Coating Thickness -  
80 micro inch (minimum average)

INSULATOR - RADIATION-CROSSLINKED,  
MODIFIED ETFE

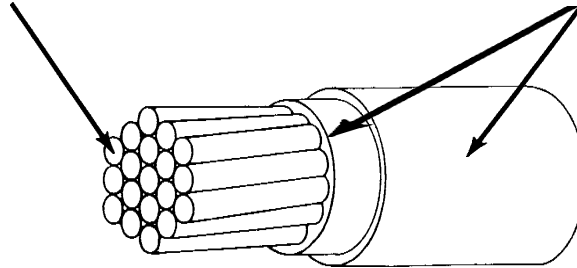


TABLE I. CONSTRUCTION DETAILS

PART NUMBER <u>1/</u>	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)	DIAMETER OF STRANDED CONDUCTOR (in.)		MAXIMUM RESISTANCE AT 20°C (ohms/1000 ft)	FINISHED WIRE		MAXIMUM WEIGHT (lbs/1000 ft)
			MINIMUM	MAXIMUM		DIAMETER (in.)		
						MINIMUM	MAXIMUM	
55A6690-22-*	22	19 x 34	.029	.031	17.5	.048	.051	3.3

Except as specified above, this construction shall meet all the requirements of Raychem Specification Sheet 55A0814.

**PARTNUMBER:**

The "\*" in the part number above shall be replaced by a color code designator.

1/ Example: white: 55A6690-22-9

*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. 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.