

SPECIFICATION CONTROL DRAWING

44A9745

Title	WIRE, RADIATION-CROSSLINKED POLYALKENE INSULATED, LIGHTWEIGHT, GENERAL PURPOSE, 600 VOLT	Date	12-23-05	Revision	A
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This specification sheet forms a part of the latest issue of Raychem Specification 44

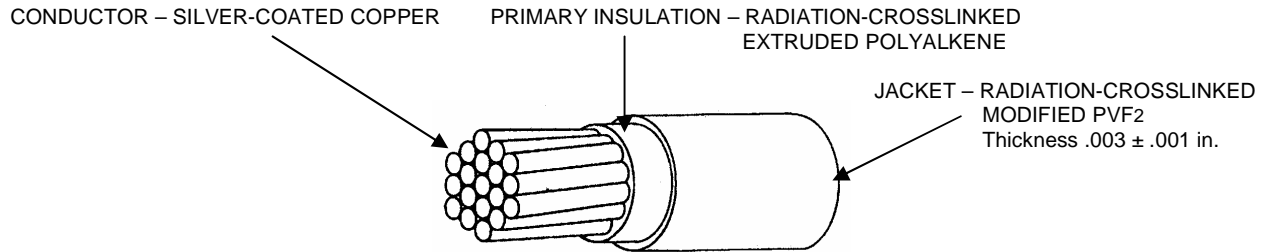


TABLE I. CONSTRUCTION DETAILS

PART NUMBER ^{1/}	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)	MAXIMUM DIAMETER OF STRANDED CONDUCTOR (in.)	FINISHED WIRE		
				MAXIMUM RESISTANCE AT 20°C (ohms/1000 ft)	DIAMETER (in.)	MAXIMUM WEIGHT (lb/1000 ft)
44A9745-14-*	14	19 x 27	.072	2.88	.087 ± .004	13.2
44A9745-12-*	12	37 x 27	.102	1.58	.116 ± .006	26.3

Except as specified above, this construction shall meet all the requirements of Raychem Specification Sheet 44A0112 for AWG sizes 14 and 12.

PART NUMBER:

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

^{1/} Example: AWG 12, black: 44A9745-12-0

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. 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.