

			MAXIMUM DIAMETER OF STRANDED CONDUCTOR (inch)	FINISHED WIRE		
PART NUMBER <u>1</u> /	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)		MAXIMUM RESISTANCE AT 20°C (ohms/1000 ft.)	DIAMETER (inch)	MAXIMUM WEIGHT (lbs/1000 ft.)
44A9625-12-*	12	65 x 30	.098	1.74	.115 ± .003	23.6

TABLE II. PERFORMANCE DETAILS								
	BEND TESTING							
PART NUMBER		L DIAMETER ) (± 3%)	WEIGHT (lb) (± 3%)					
<u>1</u> /	IMMERSION, LIFE CYCLE AND ACCELERATED AGING	COLD BEND	WRAP	IMMERSION, LIFE CYCLE AND ACCELERATED AGING	COLD BEND			
44A9625-12-*	2.00	2.00	.500	1.50	4.00			

WIRE RATINGS AND ADDITIONAL REQUIREMENTS

		Finished Wire, Spark Test, 3.0 kV (rms) at 3 kHz Impulse Dielectric Test, 8.0 kV (peak) INSULATION RESISTANCE: 5000 megohms for 1000 ft. (minimum) LIFE CYCLE: 200 ± 2°C for 168 hours LOW TEMPERATURE-COLD BEND: -65 ± 2°C for 4 hours SHRINKAGE: 300 ± 2°C, 0.125 in. (maximum) in 12 inches SMOKE TEST: 200 ± 2°C, no visible smoke SURFACE RESISTANCE: 500 megohms-in. (minimum), both readings THERMAL SHOCK RESISTANCE: 150 ± 2°C, 0.060 in. (maximum) VOLTAGE WITHSTAND (Post Environmental): 2500 volts (rms), 60 Hz, 5 minutes WICKING: 2.25 in. (maximum) <b>1</b> / PART NUMBER: The "*" in the part numbers above shall be replaced by a color code designator. Example: AWG 12, white: 44A9625-12-9 AWG 12, white with a black stripe: 44A9625-12-90					
Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation 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.							
	Raychem, TE Connectivity, TE connectivity (logo), and	d TE (logo) are trademarks.		Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800			
Page 1 of 1	DIMENSIONS ARE IN INCHES AND, UNLESS OTHERWIS	E DESIGNATED, ARE NOMINAL.	- TE				
	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DU REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFE	connectivity	Phone: 1-800-227-8816 Fax: 1-650-361-6297				
			© 2016 Tyco Electron	ics Corporation. All rights reserved.			