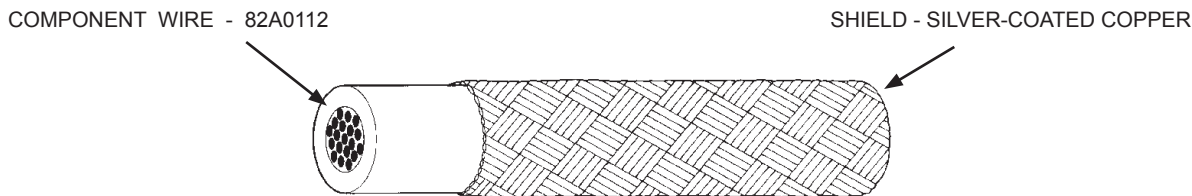


SPECIFICATION CONTROL DRAWING		82A3112	
Title	ONE CONDUCTOR CABLE, SHIELDED, GENERAL PURPOSE, FLEXIBLE, 600 VOLT	Date:	5-1-07
		Revision:	A
This specification sheet forms a part of the latest issue of Raychem Specification 80.			




CABLE CONSTRUCTION DETAILS					
PART NUMBER ^{1/}	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lbs/1000 ft.)
			NOMINAL	MAXIMUM	
82A3112-26-*	26	38	.050	.055	3.5
82A3112-24-*	24	38	.054	.059	4.4
82A3112-22-*	22	38	.060	.065	5.5
82A3112-20-*	20	38	.070	.075	7.3
82A3112-18-*	18	38	.081	.086	10.4
82A3112-16-*	16	38	.096	.101	14.6
82A3112-14-*	14	38	.116	.122	21.9
82A3112-12-*	12	38	.138	.145	31.4

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms) at sea level
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 SHIELD COVERAGE: 85% (minimum)

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

^{1/} Example: AWG 22, white component wire:
 82A3112-22-9

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. 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.			
Page 1 of 1	DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL		 Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-227-8816 Fax: 1-650-361-6297
	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.		