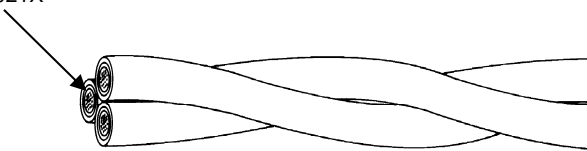



SPECIFICATION CONTROL DRAWING				SCD		44A023X	
Title THREE CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 1000 VOLT				Date 11-3-15		Revision C	
This specification sheet forms a part of the latest issue of Raychem Specification 44.							
<div>COMPONENT WIRES - 44A021X</div> 							
CABLE CONSTRUCTION DETAILS							
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)			
		NOMINAL	MAXIMUM				
44A023X-26-*	26	.086	.091	4.9			
44A023X-24-*	24	.099	.104	7.3			
44A023X-22-*	22	.117	.122	10.7			
44A023X-20-*	20	.134	.139	15.6			
44A023X-18-*	18	.158	.164	23.6			
44A023X-16-*	16	.175	.181	30.0			
44A023X-14-*	14	.212	.220	45.0			
44A023X-12-*	12	.253	.261	67.6			
44A023X-10-*	10	.315	.324	109.			
44A023X-8-*	8	.445	.458	189.			
44A023X-6-*	6	.549	.564	289.			
44A023X-4-*	4	.665	.683	459.			
CABLE RATINGS AND ADDITIONAL REQUIREMENTS							
<p>TEMPERATURE RATING: 150°C</p> <p>Maximum continuous conductor temperature</p> <p>VOLTAGE RATING: 1000 volts (rms) at sea level</p> <p>DIELECTRIC WITHSTAND:</p> <p>3000 volts (rms), 60 Hz, 1 minute</p> <p>INSULATION FLAWS:</p> <p>Spark Test, 4.0 kV (rms) at 3 kHz</p> <p>Impulse Dielectric Test, 8.0 kV (peak)</p>				<p>1/ PART NUMBER:</p> <p>The "X" in the part numbers above shall be replaced with a conductor material designator as follows:</p> <ul style="list-style-type: none">1 tin-coated copper2 silver-coated copper3 nickel-coated copper4 silver-coated high-strength copper alloy (AWG 26-20 only) <p>The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors. Colors shown do not necessarily reflect the sequence of manufacturing.</p> <p>Example: AWG 20, tin-coated copper conductors; black, brown, and red component wires: 44A0231-20-0/1/2</p>			
<p>NOTE: Nominal values are for information only. Nominal values are not requirements.</p>							
<p>Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.</p> <p>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.</p>							
<p>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.</p>							
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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.						