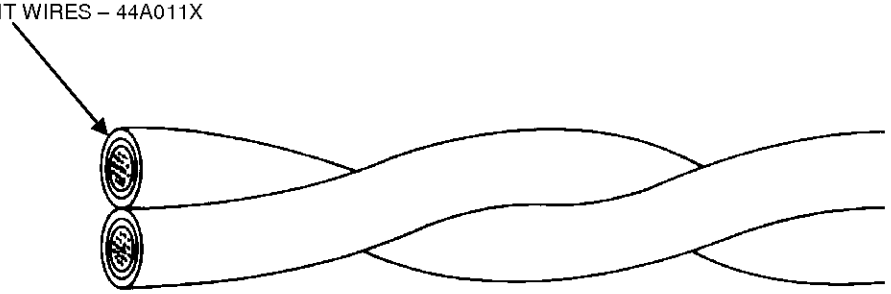
SPECIFICATION CONTROL DRAWING

44A012X

Title	Date	Revision
TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, GENERAL PURPOSE, 600 VOLT	18MAR11	D1

This specification sheet forms a part of the latest issue of Raychem Specification 44 and MIL-W-81044 as applicable.

COMPONENT WIRES – 44A011X



CABLE CONSTRUCTION DETAILS				
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lbs/1000 ft)
		NOMINAL	MAXIMUM	
44A012X-26-*	26	.068	.072	2.9
44A012X-24-*	24	.080	.084	4.3
44A012X-22-*	22	.094	.098	6.3
44A012X-20-*	20	.110	.114	9.4
44A012X-18-*	18	.130	.134	14.3
44A012X-16-*	16	.144	.150	18.1
44A012X-14-*	14	.178	.185	28.4
44A012X-12-*	12	.216	.224	44.3

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms) at sea level
INSULATION FLAWS:
Spark Test: 5.7 kV (rms) at 3 kHz
Impulse Dielectric Test, 8.0 kV (peak)

The "X" in the part numbers above shall be replaced with a conductor material designator as follows:
1 tin-coated copper
2 silver-coated copper
3 nickel-coated copper
4 silver-coated high strength copper alloy (awg's 26-16 only)
The "*" in the part numbers above shall be replaced by color code designators with a slash separating component wire colors:
1/ Example: AWG 20, tin-coated copper wires; black and brown component wires: 44A0121-20-0/1

NOTE: Nominal values are for information only
Nominal values are not requirements.

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.
TE CONNECTIVITY *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.

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.

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