SPECIFICATION CONTROL DRAWING

82A6026

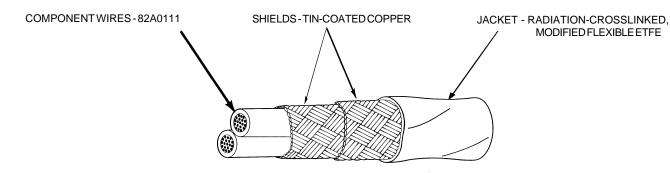
TWO CONDUCTOR CABLE, DOUBLE SHIELDED, JACKETED, LIGHTWEIGHT, FLEXIBLE

Date 03-25-04

Α

MODIFIED FLEXIBLE ETFE

This specification sheet forms a part of the latest issue of Raychem Specification 80.



CABLE CONSTRUCTION DETAILS								
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	INNER SHIELD SIZE (AWG)	OUTER SHIELD SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lb/1000 ft)
				MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
82A6026-22-*	22	38	38	.007	.010	.140	.151	19.3

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms)

CROSSLINKING PROOF TEST: 300 ± 3°C for 7 hour, 15 in. specimen with sufficent weight to keep straight DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz

JACKET COLOR: White preferred

JACKET ELONGATION AND TENSILE STRENGTH:

Elongation, 100% (minimum)

Tensile Strength, 3000 lbf/in² (minimum)

JACKET FLAWS:

Spark Test, 1500 volts (rms), 100% test

Impulse Dielectric Test, 6.0 kV (peak), 100% test SHIELD COVERAGE: 85% (minimum) (each)

SHIELD ANGLE: 26° minimum, 30° maximum (each)

VOLTAGE WITHSTAND (POST ENVIRONMENTAL): 1000 volts (rms), 60 Hz, 1 minute

PART NUMBER

The "*" in the part number above shall be replaced by a color code designator with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color. 1/Example: AWG 20, white and black

> component wires; white jacket: 82A6026-20-9/0-9

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 Buye

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 "Axxxx".) 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.



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Mouser Electronics

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TE Connectivity:

82A6026-22-9/96-9-F871 82A6026-22-9/96-9