

# SPECIFICATION CONTROL DRAWING

55A6053

TITLE

FOUR CONDUCTOR CABLE, SHIELDED, JACKETED

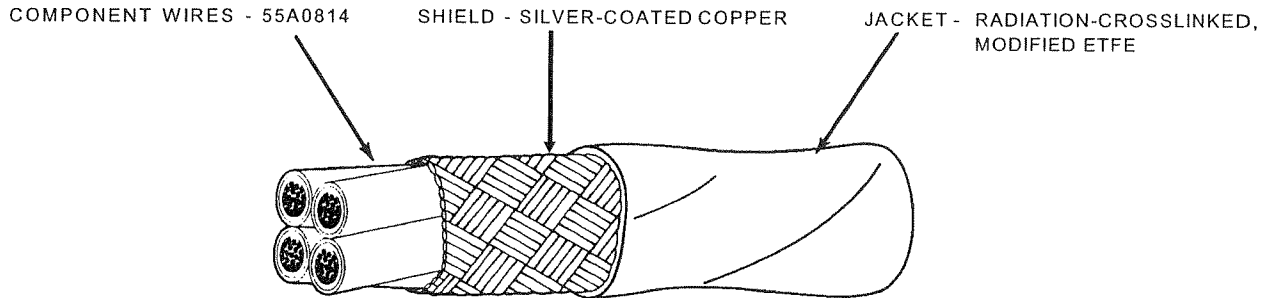
Date

9-11-00

Revision

B

This specification sheet forms a part of the latest issue of Raychem Specification 55A.



### CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lb/1000 ft)
			MINIMUM	MAXIMUM	NOMINAL	MAXIMUM	
55A6053-26-*	26	38	.005	.010	.130	.150	14.7
55A6053-24-*	24	38	.005	.010	.142	.165	18.0
55A6053-22-*	22	38	.005	.010	.154	.179	22.9
55A6053-20-*	20	38	.006	.011	.173	.202	30.4

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

**TEMPERATURE RATING: 200°C**

Maximum continuous conductor temperature

**VOLTAGE RATING: 600 volts (rms)**

**BLOCKING: 200 ± 3°C for 6 hours**

**CROSSLINK VERIFICATION: 300 ± 5°C for 6 hours**

**DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz**

**FLAMMABILITY: Procedure 1, 3 seconds (maximum);**

3 in. (maximum); no flaming of facial tissue

**JACKET COLOR: White preferred**

**JACKET ELONGATION AND TENSILE STRENGTH:**

Elongation, 50% (minimum)

Tensile Strength, 5000 lbf/in<sup>2</sup> (minimum)

**JACKET FLAWS:**

Spark Test, 1.5 kV (rms), 100% test

Impulse Dielectric Test, 6.0 kV (peak), 100% test

**LOW TEMPERATURE-COLD BEND: -55 ± 5°C for 4 hours**

**SHIELD COVERAGE: 85% (minimum)**

**VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):**

1000 volts (rms), 60 Hz, 1 minute

**PART NUMBER:**

The "\*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors and a dash separating the component wire colors from the jacket color.

Example: AWG 20, white, white with blue stripe, white with orange stripe and white with green stripe component wires; white jacket: 55A6053-20-9/96/93/95-9

This cable shall meet all constructional requirements of M27500 (AWGSE4S23).

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.

**Raychem**

300 Constitution Drive, Menlo Park, California 94025  
1-800-2 Raychem Fax: 1-650-361-6297

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)