

SPECIFICATION CONTROL DRAWING

55A4223

TITLE

TWO CONDUCTOR CABLE, JACKETED, MEDIUM WEIGHT

Date

12-10-91

Revision

A

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

COMPONENT WIRES - 55A0213

JACKET - RADIATION-CROSSLINKED,
MODIFIED ETFE



CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	JACKET THICKNESS (inches)		OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lb/1000 ft)
		MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55A4223-26-*	26	.006	.008	.084	.088	5.0
55A4223-24-*	24	.006	.008	.094	.099	6.4
55A4223-22-*	22	.006	.008	.106	.111	8.3
55A4223-20-*	20	.006	.008	.122	.128	12.0
55A4223-18-*	18	.006	.008	.142	.149	16.9
55A4223-16-*	16	.006	.008	.158	.166	21.1
55A4223-14-*	14	.006	.008	.192	.202	31.5
55A4223-12-*	12	.007	.009	.230	.242	46.8
55A4223-10-*	10	.007	.009	.280	.294	72.1

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms)

ACCELERATED AGING: 300 ± 3°C for 7 hours

* BLOCKING: 200 ± 3°C for 6 hours

DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz

FLAMMABILITY:

Procedure 1, 3 seconds (maximum); 3 inch (maximum);

no flaming of facial tissue

JACKET COLOR: White preferred

JACKET ELONGATION AND TENSILE STRENGTH:

Elongation, 50% (minimum)

Tensile Strength, 5000 lbf/in² (minimum)

* LIFE CYCLE: 230 ± 3°C for 500 hours

LOW TEMPERATURE-COLD BEND: -65 ± 3°C for 4 hours

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, black and red component wires;

white jacket: 55A4223-20-0/2-9

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

* Qualification Test

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

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

Page 1 of 1

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

Raychem

Raychem Corporation
300 Constitution Drive, Menlo Park, California 94025
(415) 361 3333 TWX 910 373 1728

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)