

SPECIFICATION CONTROL DRAWING

55A6687TITLE WIRE, ELECTRIC, RADIATION-CROSSLINKED, EXTRUDED, ETFE-INSULATED,
SILVER-COATED COPPER, LIGHTWEIGHT, 600 VOLT

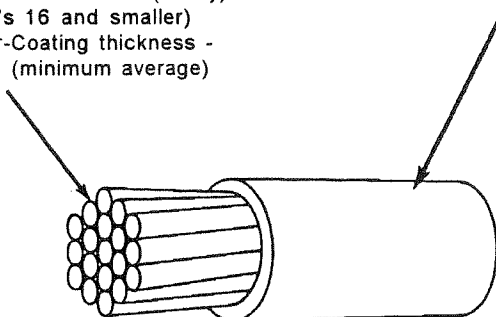
Date 8-22-97

Revision C

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

CONDUCTOR - SILVER-COATED COPPER (unilay)
(unilay, AWG's 16 and smaller)
NOTE: Silver-Coating thickness -
80 micro inch (minimum average)

INSULATOR - RADIATION-CROSSLINKED,
MODIFIED ETFE



CONSTRUCTION DETAILS

PART NUMBER	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)	DIAMETER OF STRANDED CONDUCTOR (in.)		FINISHED WIRE			
			MINIMUM	MAXIMUM	MAXIMUM RESISTANCE AT 20°C (ohms/1000 ft.)	DIAMETER (in.)		MAXIMUM WEIGHT (lbs/1000 ft.)
						MINIMUM	MAXIMUM	
55A6687-22-*	22	19 x 34	.029	.030	15.1	.041	.044	2.8
55A6687-20-*	20	19 x 32	.037	.038	9.19	.048	.051	4.3
55A6687-18-*	18	19 x 30	.046	.048	5.79	.058	.062	6.5
55A6687-16-*	16	19 x 29	.052	.054	4.52	.066	.069	8.3
55A6687-14-*	14	19 x 27	.065	.068	2.88	.082	.088	13.0
55A6687-12-*	12	37 x 28	.084	.087	1.90	.100	.105	19.7

ADDITIONAL REQUIREMENTS

Except as specified above, this construction shall meet all the requirements of Raychem Specification Sheet 55A0112.

PART NUMBER:

The "*" in the part numbers above shall be replaced by color code designator.

Example: AWG 22, white; 55A6687-22-9

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

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

Raychem

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