

SPECIFICATION CONTROL DRAWING

55A8015

TITLE WIRE, ELECTRIC, TIN-COATED CADMIUM COPPER,
NORMAL WEIGHT, 600 VOLT

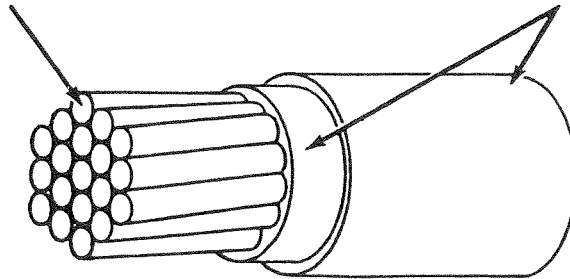
DATE:
1-9-85

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

CONDUCTOR - TIN-COATED CADMIUM COPPER

INSULATION - RADIATION CROSSLINKED,
MODIFIED ETFE



CONSTRUCTION DETAILS						
PART NUMBER	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)	MAXIMUM DIAMETER OF STRANDED CONDUCTOR (in.)	FINISHED WIRE		
				MAXIMUM RESISTANCE AT 20°C (Ω/1000 ft)	DIAMETER (in.)	MAXIMUM WEIGHT (lb/1000 ft)
55A8015-26-*	26	19 x 38	.021	45.0	.040 ± .002	1.7
55A8015-24-*	24	19 x 36	.026	30.5	.045 ± .002	2.3
55A8015-23-*	23	21 x 36	.027	28.5	.046 ± .003	2.7
55A8015-22-*	22	19 x 34	.033	20.0	.051 ± .003	3.3
55A8015-20-*	20	19 x 32	.041	12.0	.059 ± .003	4.9

PERFORMANCE DETAILS					
PART NUMBER	BEND TESTING				
	MANDREL DIAMETER (in.) (±3%)		WEIGHT (lb) (±3%)		
	IMMERSION, LIFE CYCLE AND ACCELERATED AGING	COLD BEND	IMMERSION, LIFE CYCLE AND ACCELERATED AGING	COLD BEND	
55A8015-26-*	.375	1.00	.500	3.00	
55A8015-24-*	.500	1.00	.750	3.00	
55A8015-23-*	.500	1.00	.750	3.00	
55A8015-22-*	.500	1.00	1.00	3.00	
55A8015-20-*	.500	1.00	1.50	4.00	

ADDITIONAL REQUIREMENTS

CONDUCTOR ELONGATION AND BREAKING STRENGTH:

Elongation, 1% (minimum)

Jaw separation speed, 2 in. per minute

Breaking Strength: 21.6 lb. (minimum), AWG 26
 33.6 lb. (minimum), AWG 24
 37.1 lb. (minimum), AWG 23
 53.4 lb. (minimum), AWG 22
 86.0 lb. (minimum), AWG 20

Except as specified above, this construction shall meet all requirements of Raychem Specification Sheet 55A0811.

The "*" in the part numbers above shall be replaced by a color code designator in accordance with MIL-STD-681.

Example: AWG 24, white: 55A8015-24-9

AWG 24, white with black stripe: 55A8015-24-90

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

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THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER ALL OTHER DOCUMENTS REFERENCED HEREIN. REVISIONS TO THIS SPECIFICATION SHALL BE OF THE ISSUE IN EFFECT AT THE TIME OF INVITATION. Downloaded From Oneyac.com

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单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)