

CABLE, ELECTRIC, RADIATION-CROSSLINKED, EXTRUDED, MODIFIED, FLUOROPOLYMER-INSULATED,  
THREE CONDUCTOR, SHIELDED, JACKETED, MEDIUM WEIGHT

1 November 1983

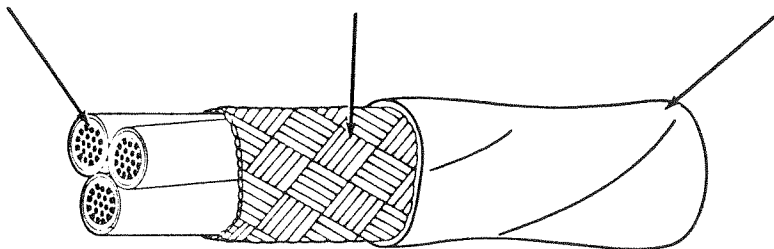
150°C

The complete requirements for procuring the cable described herein shall consist of this document and the issue in effect of Raychem Specification 55A.

COMPONENT WIRES - 55A0211

SHIELD - TIN-COATED COPPER

JACKET - RADIATION-CROSSLINKED, MODIFIED ETFE



PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (in.)		OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lb/1000 ft.)
			MINIMUM	NOMINAL 1/	NOMINAL 1/	MAXIMUM	
			55A1231-26-*	26	38	.006	
55A1231-24-*	24	38	.006	.008	.117	.123	13.2
55A1231-22-*	22	38	.006	.008	.130	.137	16.8
55A1231-20-*	20	38	.006	.008	.147	.154	22.8
55A1231-18-*	18	38	.006	.008	.169	.177	31.1
55A1231-16-*	16	38	.006	.008	.186	.195	38.0
55A1231-14-*	14	38	.007	.009	.225	.236	55.6
55A1231-12-*	12	38	.007	.009	.264	.277	79.2

1/ Nominal values are for information only. Nominal values are not requirements.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C  
 Maximum continuous conductor temperature  
 no flaming of facial tissue  
 VOLTAGE RATING: 600 volts (rms)  
 ACCELERATED AGING: 300 ± 3°C for 7 hours  
 BLOCKING: 200 ± 3°C for 6 hours  
 DIELECTRIC WITHSTAND: 1500 volts, 60 Hz  
 FLAMMABILITY:  
 Procedure 1, 3 seconds (maximum); 3 in. (maximum);  
 JACKET COLOR: White preferred  
 JACKET ELONGATION AND TENSILE STRENGTH:  
 Elongation, 50% (minimum)  
 Tensile Strength, 5000 psi (minimum)  
 JACKET FLAWS:  
 Spark Test, 1000 volts, 60 Hz (rms), 100% test  
 Impulse Dielectric Test, 6.0 kV (peak), 100% test  
 LIFE CYCLE: 200 ± 3°C for 168 hours

LOW TEMPERATURE-COLD BEND: -65 ± 3°C for 4 hours  
 SHIELD COVERAGE: 85% (minimum)  
 THERMAL SHOCK: 300 ± 3°C for 6 hours  
 VOLTAGE WITHSTAND TEST: (After Accelerated Aging, Immersion, Life Cycle, Low Temperature-Cold Bend and Thermal Shock) 1000 volts, 60 Hz, 1 minute

PART NUMBER:  
 The "\*" in the part numbers above shall be replaced by color code designators in accordance with MIL-STD-681 with slashes separating component wire colors and a dash separating the component wire colors from the jacket color.  
 Example:  
 AWG 20, white, black and red component wires; white jacket: 55A1231-20-9/0/2-9.

**Raychem**

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

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)