

# SPECIFICATION CONTROL DRAWING

55/131A

Title

ONE CONDUCTOR CABLE, SHIELDED, JACKETED, OUTER SPACE

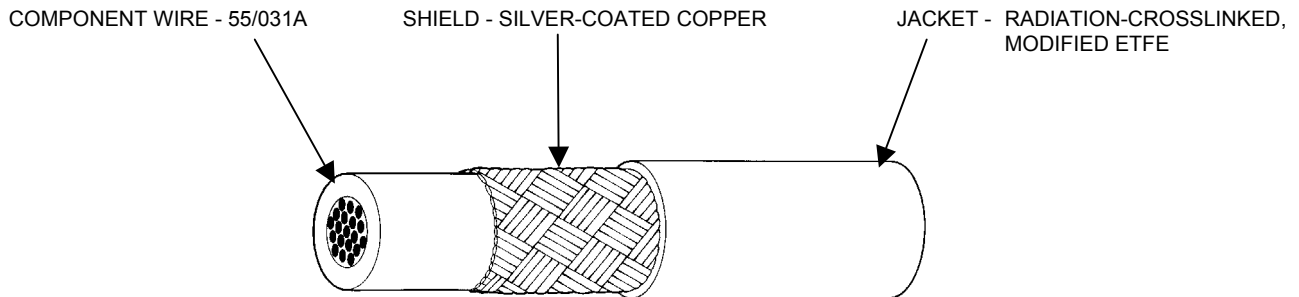
Date

12-18-03

Revision

B

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



## CABLE CONSTRUCTION DETAILS

PART NUMBER <sup>1/</sup>	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (in.)		OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lb/1000 ft)
			MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55/131A-30-*	30	40	.0040	.0045	.043	.045	2.13
55/131A-28-*	28	40	.0040	.0045	.046	.048	2.52
55/131A-26-*	26	38	.0040	.0045	.055	.057	3.75

## CABLE RATINGS AND ADDITIONAL REQUIREMENTS

### TEMPERATURE RATING: 200°C

Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms) at sea level  
 CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour  
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz  
 JACKET COLOR: White preferred  
 JACKET ELONGATION: 50% (minimum)  
 JACKET FLAWS:  
 Spark Test, 1000 volts (rms)  
 Impulse Dielectric Test, 6.0 kV (peak)  
 RADIATION RESISTANCE: 500 megarads  
 SHIELD COVERAGE: 85% (minimum)

### VACUUM STABILITY:

Total Mass Loss (TML), 1.0% (maximum)  
 Volatile Condensable Material, 0.1% (maximum)  
 VOLTAGE WITHSTAND TEST (Post Environmental):  
 1500 volts (rms), 60 Hz, 1 minute

### PART NUMBER:

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

<sup>1/</sup> Example: AWG 30, white component wire; white jacket:  
 55/131A-30-9-9

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

*Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.*

*Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.*

<sup>1/</sup> COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.

单击下面可查看定价，库存，交付和生命周期等信息

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