

# SPECIFICATION CONTROL DRAWING

SCD

55/0121

Title TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, OUTER SPACE, 600 VOLT

Date 10-16-17

Revision E

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

COMPONENT WIRES - 55/0111



CABLE CONSTRUCTION DETAILS				
PART NUMBER 1/	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lbs/1000 ft.)
		NOMINAL	MAXIMUM	
55/0121-24-*	24	.074	.078	4.0
55/0121-22-*	22	.086	.090	5.7
55/0121-20-*	20	.100	.104	8.8
55/0121-18-*	18	.120	.124	13.3
55/0121-16-*	16	.136	.140	16.9
55/0121-14-*	14	.170	.176	26.5
55/0121-12-*	12	.206	.212	40.2

## CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms) at sea level

DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz

INSULATION FLAWS:

Spark Test, 3.0 kV (rms)

Impulse Dielectric Test, 8.0 kV (peak)

1/ PART NUMBER:

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

Example: AWG 22, blue and white component wires:  
55/0121-22-6/9

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.

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

1/ 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.

