

# SPECIFICATION CONTROL DRAWING

**55PC0822**

TITLE

TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, 600 VOLT

Date

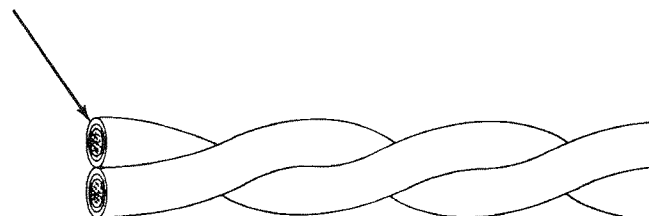
**11-03-00**

Revision

**B**

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

COMPONENT WIRES - 55PC0812



### CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	DIAMETER (in.)			WEIGHT (lb/1000 ft.)	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC0822-24-*	24	.084	.087	.090	4.41	4.66
55PC0822-22-*	22	.096	.099	.102	6.31	6.60
55PC0822-20-*	20	.113	.116	.119	9.39	9.72
55PC0822-18-*	18	.132	.136	.139	14.05	14.57
55PC0822-16-*	16	.148	.152	.156	17.81	18.40
55PC0822-14-*	14	.180	.184	.188	27.32	28.09
55PC0822-12-*	12	.216	.221	.226	41.39	42.38
55PC0822-10-*	10	.260	.266	.272	64.23	65.86
55PC0822-8-*	8	.384	.392	.400	116.	119.

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms)

INSULATION FLAWS:  
 Impulse Dielectric Test, 8.0 kV (peak)

PART NUMBER:  
 The "\*" in the part numbers above shall be replaced by a color code designator with a slash separating the component wire colors.  
 Example: AWG 22, black and white component wires;  
 55PC0822-22-0/9

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

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

**Raychem**

300 Constitution Drive  
 Menlo Park, California 94025  
 1-800-2 Raychem FAX: 1-650-361-6