

# SPECIFICATION CONTROL DRAWING

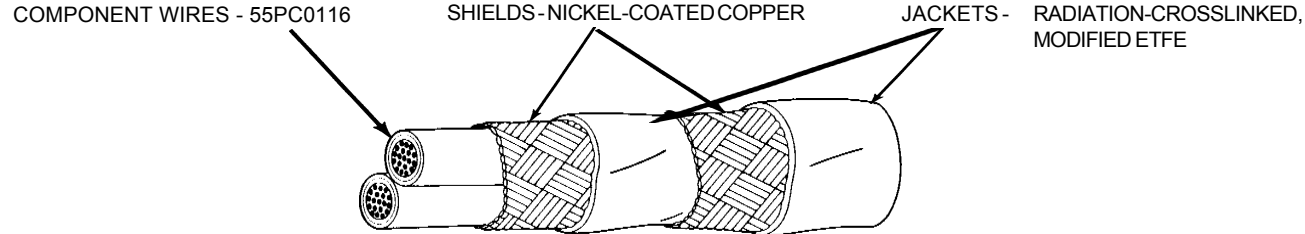
55PC6217

TITLE TWO CONDUCTOR CABLE, DOUBLE SHIELDED,  
DOUBLE JACKETED, 600 VOLT

Date 12-14-01

Revision

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



### CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	1ST SHIELD SIZE (AWG)	1ST JACKET THICKNESS (in.)		2ND SHIELD SIZE (AWG)	2ND JACKET THICKNESS (in.)		DIAMETER (in.)			WEIGHT (lbs/1000 ft.)	
			LOWER SPEC LIMIT	TARGET WALL		LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC6217-24-*	24	38	.0040	.0050	38	.0080	.0100	.129	.135	.141	19.57	20.66
55PC6217-22-*	22	38	.0040	.0050	38	.0080	.0100	.141	.147	.153	23.28	24.43
55PC6217-20-*	20	38	.0040	.0050	38	.0080	.0100	.157	.163	.169	28.71	30.01
55PC6217-18-*	18	38	.0040	.0050	38	.0080	.0100	.177	.183	.189	36.66	37.85
55PC6217-16-*	16	38	.0040	.0050	38	.0080	.0100	.192	.198	.204	42.64	43.90

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms)  
 CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour  
 DIELECTRIC WITHSTAND:  
 1500 volts (rms), 60 Hz, conductor to conductor & shield  
 500 volts (rms), 60 Hz, shield to shield  
 JACKET COLOR: White preferred  
 JACKET ELONGATION AND TENSILE STRENGTH:  
 Elongation, 50% (minimum) (each)  
 Tensile Strength, 5000 lbf/in<sup>2</sup> (minimum) (each)  
 JACKET FLAWS:  
 Spark Test, 1000 volts (rms), 100% test  
 Impulse Dielectric Test, 6.0 kV (peak), 100% test

SHIELD COVERAGE: 85% (minimum) each shield  
 VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL):  
 1000 volts (rms), 60 Hz, 1 minute

PART NUMBER:  
 The "\*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors, a dash separating the component wire colors from the inner jacket color and a dash separating the inner jacket color from the outer jacket color.  
 Example: AWG 22, red and blue component wires;  
 white inner jacket and white outer jacket:  
 55PC6217-22-2/6-9-9

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

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)