



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# SPECIFICATION CONTROL DRAWING

55PC0821

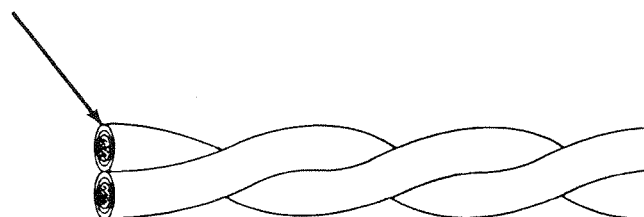
TITLE TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, 600 VOLT

Date 12-10-96

Revision A

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

COMPONENT WIRES - 55PC0811



### CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	DIAMETER ( in. )			WEIGHT ( lbs/1000 ft. )	
		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC0821-24-*	24	.084	.087	.090	4.41	4.66
55PC0821-22-*	22	.096	.099	.102	6.31	6.60
55PC0821-20-*	20	.113	.116	.119	9.39	9.72
55PC0821-18-*	18	.132	.136	.139	14.05	14.57
55PC0821-16-*	16	.148	.152	.156	17.81	18.40
55PC0821-14-*	14	.180	.184	.188	27.32	28.09
55PC0821-12-*	12	.216	.221	.226	41.39	42.38
55PC0821-10-*	10	.260	.266	.272	64.23	65.86

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°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 color.  
 Example: AWG 22, white and black component wires; white jacket: 55PC0821-22-9/0

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