



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

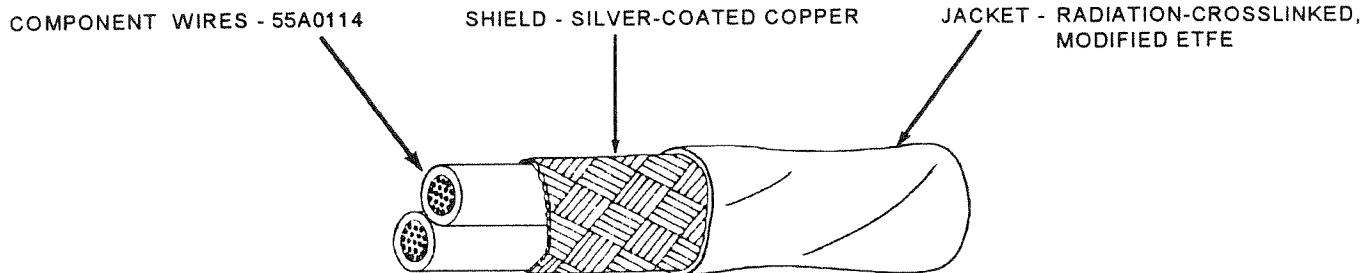
55A6262

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

Date 7-17-97

Revision E

This specification sheet forms a part of the latest issue of Raychem Specification 55A and MIL-27500 as applicable.



CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inch)		OUTSIDE DIAMETER (inch)		MAXIMUM WEIGHT (lb/1000 ft.)
			MINIMUM	MAXIMUM	NOMINAL	MAXIMUM	
55A6262-30-*	30	38	.005	.010	.081	.086	5.4
55A6262-28-*	28	38	.005	.010	.087	.092	6.3
55A6262-26-*	26	38	.005	.010	.097	.102	7.9
55A6262-24-*	24	38	.005	.010	.107	.112	9.8
55A6262-22-*	22	38	.005	.010	.119	.125	12.4
55A6262-20-*	20	38	.005	.010	.133	.142	16.4
55A6262-16-*	16	38	.006	.011	.171	.180	27.4

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 AGING STABILITY: 230 ± 5°C for 96 hours
 BLOCKING: 200 ± 3°C for 6 hours
 CROSSLINKED VERIFICATION: 300 ± 5°C for 6 hours
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 FLAMMABILITY:
 Procedure 1, 3 seconds (maximum); 3 in. (maximum);
 no flaming of facial tissue
 JACKET COLOR: White preferred
 JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)
 JACKET FLAWS:
 Spark Test, 1500 volts (rms), 60 Hz, 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100% test

LOW TEMPERATURE-COLD BEND: -55 ± 5°C for 4 hours
 THERMAL SHOCK: 230 ± 5°C for 4 hours
 SHIELD COVERAGE: 85% (minimum)
 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 and a dash separating the component wire colors from the jacket color.
 Example: AWG 20, white and blue component wires; white jacket: 55A6262-20-9/6-9

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

This construction meets all the requirements of M27500-AWGSC2S23, AWG size 30 - 20 only, less identification.

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

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.

Raychem

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