

SPECIFICATION CONTROL DRAWING

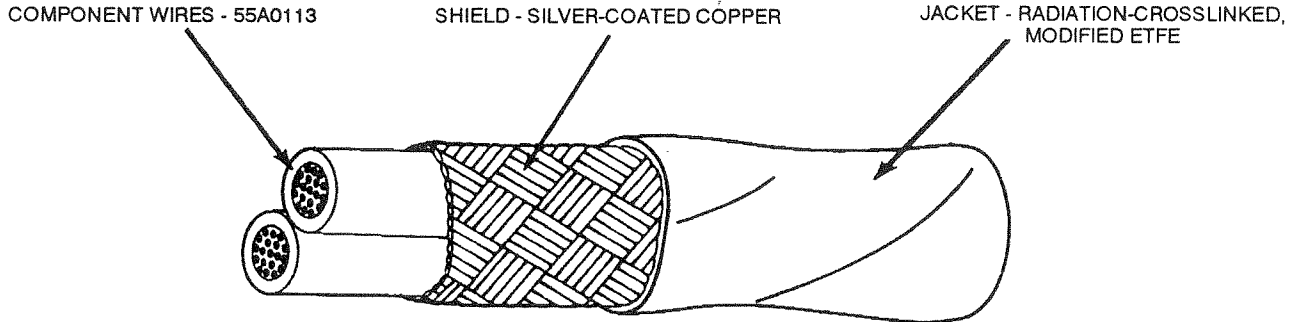
55A6874

TITLE CABLE, TWO CONDUCTOR, SHIELDED, JACKETED, LIGHTWEIGHT

Date 1-30-91

Revision B

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



CABLE CONSTRUCTION DETAILS							
PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inches)		OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lb/1000 ft)
			MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55A6874-22-*	22	38	.005	.008	.119	.125	12.2
55A6874-20-*	20	38	.005	.008	.133	.140	16.2
55A6874-18-*	18	38	.005	.008	.153	.161	21.9
55A6874-16-*	16	38	.006	.008	.169	.177	26.6
55A6874-14-*	14	38	.006	.008	.203	.213	38.4
55A6874-12-*	12	38	.006	.009	.241	.253	55.1

ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 BLOCKING: 200 ± 3°C for 6 hours
 CROSSLINKED VERIFICATION: 300 ± 5°C for 7 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: -65 ± 5°C for 4 hours
 SHIELD COVERAGE: 85% (minimum)
 THERMAL SHOCK: 230 ± 5°C for 4 hours
 VOLTAGE WITHSTAND TEST: (After Crosslinked Verification,
 Immersion, and Low-Temperature-Cold Bend)
 1000 volts (rms), 60 Hz, 1 minute

PART NUMBER:
 The *** in the part numbers shall be replaced by color code designators with slashes separating the component wire colors and a dash separating the component wire colors from the jacket color.
 Example: AWG 20, white and blue component wire colors; white jacket: 55A6874-20-9/6-9

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

This construction meets all the requirements of M27500-AWGSS2S23, 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.

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)