

SPECIFICATION CONTROL DRAWING

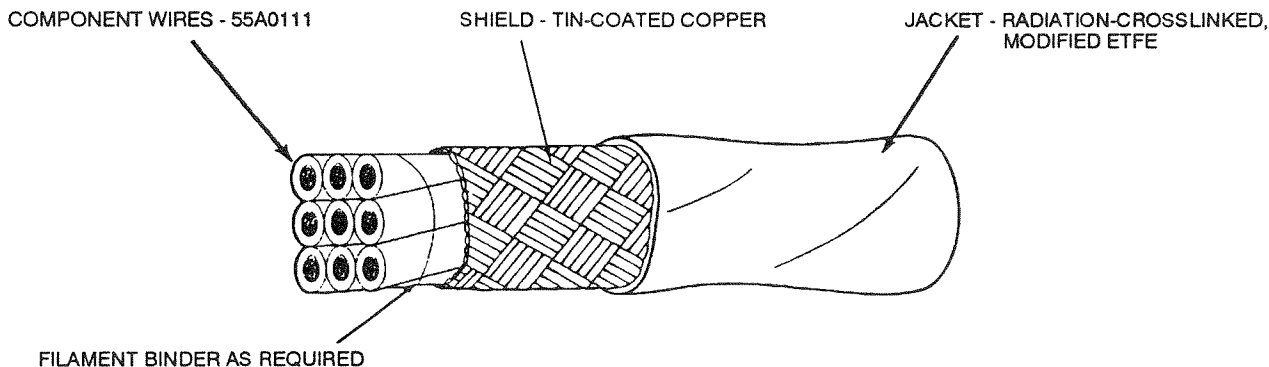
55A1191

TITLE **NINE CONDUCTOR CABLE, EXTRUDED, MODIFIED, ETFE-INSULATED, SHIELDED, JACKETED, LIGHTWEIGHT, 600 VOLT**

Date **7-6-92**

Revision **B**

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



CABLE CONSTRUCTION DETAILS							
PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inches)		OUTSIDE DIAMETER (inches)		MAXIMUM WEIGHT (lbs/1000 ft)
			MINIMUM	NOMINAL	NOMINAL	MAXIMUM	
55A1191-30-*	30	38	.006	.008	.128	.135	14.3
55A1191-28-*	28	38	.006	.008	.140	.147	17.5
55A1191-26-*	26	38	.006	.008	.160	.168	23.4
55A1191-24-*	24	38	.006	.008	.180	.188	30.3
55A1191-22-*	22	38	.006	.008	.204	.213	40.1
55A1191-20-*	20	38	.007	.009	.238	.247	57.4
55A1191-18-*	18	38	.007	.009	.278	.289	82.3
55A1191-16-*	16	38	.007	.009	.310	.326	101.
55A1191-14-*	14	36	.008	.010	.384	.403	154.
55A1191-12-*	12	36	.008	.010	.407	.476	216.

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)
 ACCELERATED AGING: 300 ± 3°C for 7 hours
 * BLOCKING: 200 ± 3°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, 1000 volts (rms), 60 Hz, 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100% test

* LIFE CYCLE: 200 ± 3°C for 168 hours
 LOW TEMPERATURE-COLD BEND: -65 ± 3°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 24, black, red, orange, yellow, green, blue, violet, gray and white component wires; white jacket: 55A1191-24-0/2/3/4/5/6/7/8/9-9

* Qualification Test

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

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

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

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单击下面可查看定价，库存，交付和生命周期等信息

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