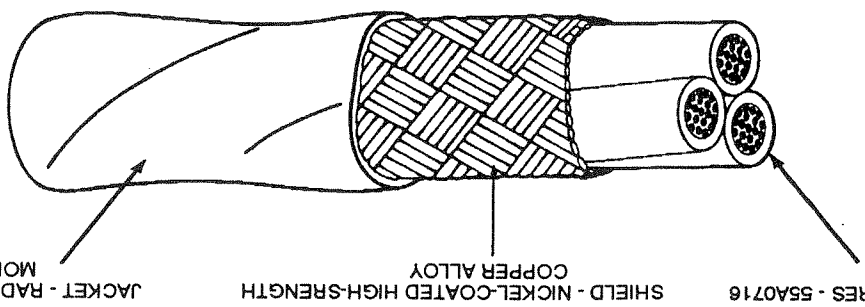


SPECIFICATION CONTROL DRAWING

THREE CONDUCTOR CABLE, SHIELDED, JACKETED

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

Date	12-21-90	
Revision		55A7028



CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (inches)		OUTSIDE DIAMETER (inches)	MAXIMUM WEIGHT (lb/1000 ft)
			NOMINAL	MINIMUM		
55A7028-26*	26	38	.006	.008	.143	16.2
55A7028-24*	24	38	.006	.008	.154	19.0
55A7028-22*	22	38	.006	.008	.167	23.0
55A7028-20*	20	38	.006	.008	.184	29.4
55A7028-18*	18	38	.006	.008	.206	39.1
55A7028-16*	16	38	.007	.009	.223	46.6

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°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, 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, 60 Hz (rms), 100% test
 Impulse Dielectric Test, 6.0 KV (peak), 100% test

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

LIFE CYCLE: 230 ± 3°C for 500 hours
 LOW TEMPERATURE-COLD BEND: -65 ± 3°C for 4 hours
 SHIELD COVERAGE: 85% (minimum)
 THERMAL SHOCK: 300 ± 3°C for 6 hours
 VOLTAGE WITHSTAND TEST: (After Accelerated Aging, Immersion, Life Cycle and Low-Temperature-Cold Bend) 1000 volts, 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, black and red components
 wires: white jacket
 55A7028-20-9/0/2-9

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