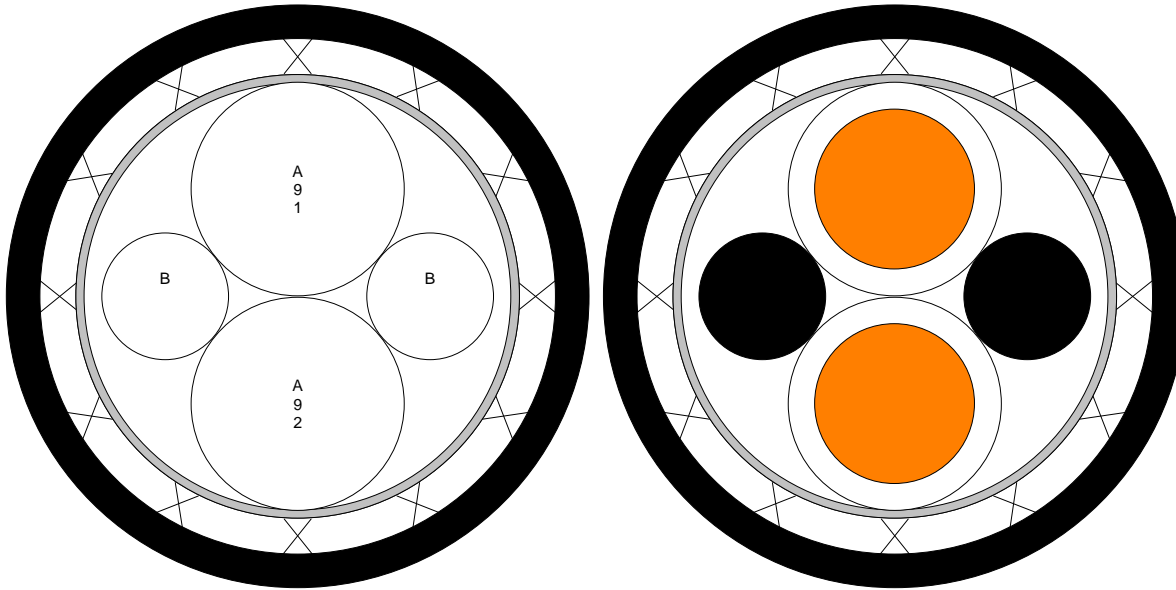


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	2	55A0112-20	Primary wire
B	2	FIL-40-0.030	Solid Thermorad Filler 0.030 OD

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Core				0.101	2.57
Wrap	Polyester tape .001"	0.002	0.05	0.105	2.67
Shield	Round tinned copper 38 awg regular	0.009	0.22	0.122	3.10
Jacket	Thermorad® HT black	0.008	0.20	0.138	3.51
Cable OD tolerance				+ 0.007	+ 0.18

Specification	Raychem SPEC 55A
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Weight	17.97 lb/kft	26.79 Kg/Km
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Raychem Corporation
Wire & Cable Division
300 Constitution Drive
Menlo Park, California, 94025-1164
1-800-2-RAYCHEM, x 1500.

This specification sheet takes precedence over documents referenced herein.
Referenced documents shall be of the issue in effect on date of invitation to bid.
Proposed specification control drawings may be altered prior to final issue.

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Continued

Physical properties

Jacket tensile strength	5000 psi minimum
Jacket elongation	50% minimum

Environmental properties

Accelerated Aging	300 ± 3°C for 7 hours
Voltage Withstand	(Post Environmental) 1000 volts (rms), 60 Hz. 1 minute

Electrical properties

Voltage withstand (dielectric)	1000 volts (rms) conductor to conductor and shield 500 volts (rms) shield to shield when applicable per WC 27500. Coax Components to their own SCD
Jacket Flaws	Spark Test: 1 kV (rms) Impulse Dielectric Test: 6.0 kV (peak)

Notes

Colors	Colors and color code designators shall be in accordance with MIL-STD-681.
Dimensions	Dimensions are in inches, and unless otherwise designated, are nominal.
Identification, Colors & Marks	The following is the key to the descriptions in the left hand view of the cable on Page 1. Line 1: Identifies the component per the components' ID list. Line 2: Color codes. Line 3: Mark on component "-" mark on component jacket.
Minimum length	This cable may be supplied in the following maximum number of continuous lengths: (Order quantity(ft)/300)+1 other length, with no length shorter than 50 ft., unless other specific length requirements are noted.
Color scheme	Number sequence.
Jacket identification	Mark: Raychem - EPD-RWC-13077 - Year of Manufacture.

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