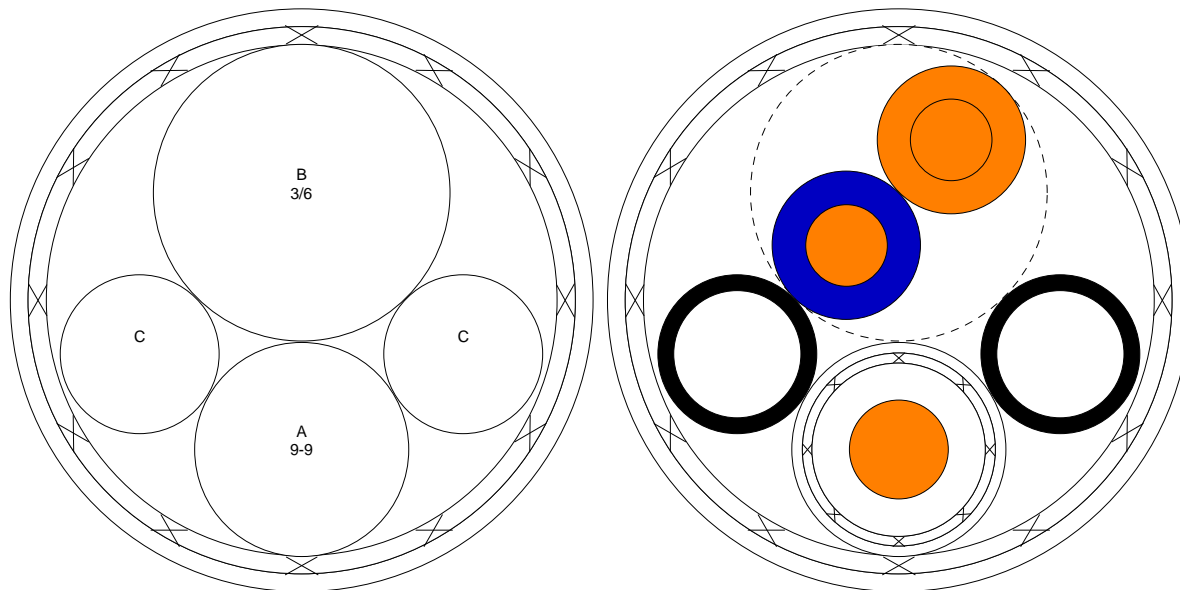


Identification, colors & marks
Cross section

Components

ID	Quantity	Part number	Description
A	1	44A1811-22	Primary wire, round shielded, jacketed
B	1	44A0821-20	Twisted pair
C	2	FIL-11-0.075	Cross-linked ETFE Filler 0.075 OD

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Core				0.241	6.12
Shield	Round tinned copper 38 awg regular	0.009	0.22	0.258	6.55
Jacket	Thermorad HT white	0.009	0.22	0.275	6.98
Cable OD tolerance				+ 0.014	+ 0.36

Specification Raychem SPEC 55A

Weight 42.74 lb/kft 63.72 Kg/Km

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Continued

Physical properties

Jacket tensile strength	5000 psi minimum
Jacket elongation	50% minimum
Jacket Wall	.007 inch minimum
Shield Coverage	85% 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)	1500 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: 3 kV (rms) Impulse Dielectric Test: 6.0 kV (peak)

Notes

Colors	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	Cable will be supplied in 50 ft. minimum lengths unless otherwise specified
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Part Number Note	Other codes and suffixes may be added to the Part Number as necessary, to capture any additional requirements imposed by the purchase order
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