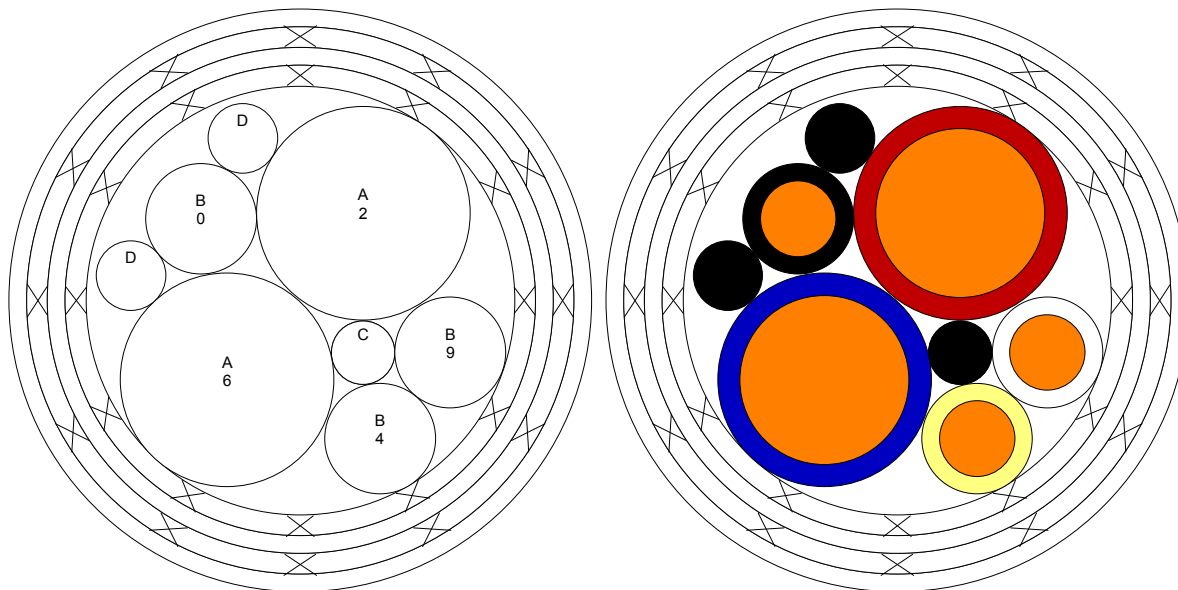


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	2	44A0111-12	Primary wire
B	3	44A0111-20	Primary wire
C	1	FIL-30-0.030	Foam Filler 0.030 OD
D	2	FIL-30-0.035	Foam Filler 0.035 OD

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Layer 1				0.217	5.50
Shield	Round tinned copper 36 awg regular	0.011	0.27	0.238	6.04
Jacket	Thermorad K white	0.009	0.23	0.256	6.49
Shield	Round tinned copper 36 awg regular	0.011	0.27	0.277	7.03
Jacket	Thermorad K white	0.009	0.23	0.295	7.48
Cable OD tolerance				+ 0.015	+ 0.38

Specification Raychem Spec. 44

Weight 95.15 lb/kft 141.86 Kg/Km

Continued

Physical properties

Component Sequence	The placing of the components in the cross sectional view of the cable is for reference only and is not a requirement
Jacket tensile strength	4000 psi minimum (each)
Jacket elongation	200% minimum (each)
Jacket Wall (each)	.007 inch minimum
Shield Coverage (each)	85% minimum

Environmental properties

Crosslink Verification	200 ± 5 °C for 6 hours per WC 27500.
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: 2.5 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.
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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
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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