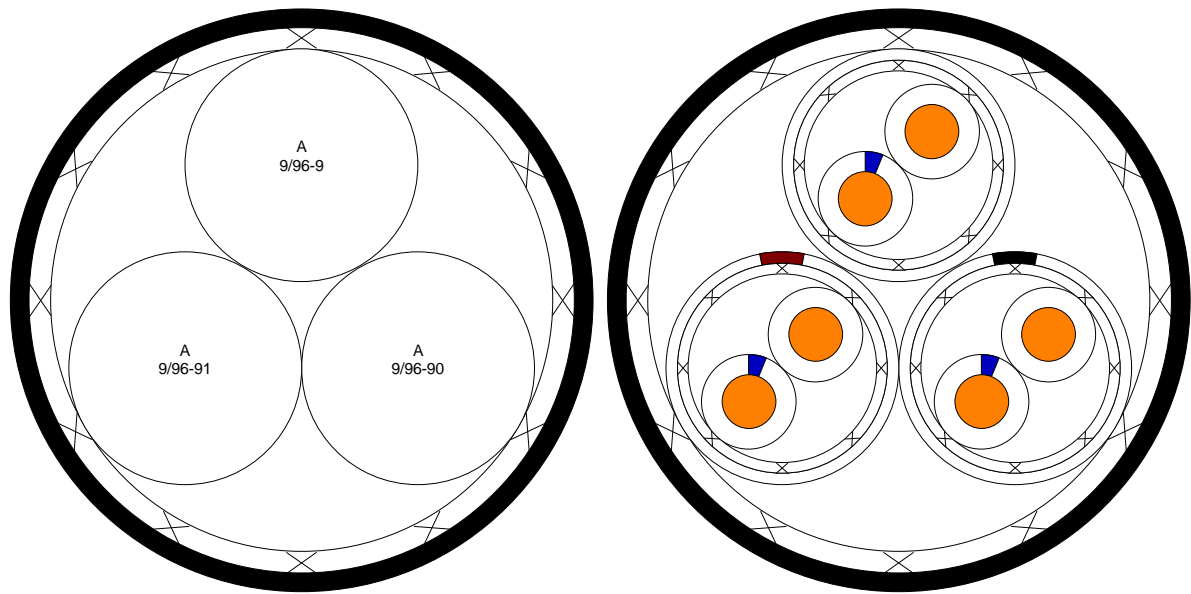


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	3	55A1121-22	Twisted pair with round-braid, shielded & jacketed

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Core				0.244	6.19
Shield	Round tinned copper 36 awg regular	0.011	0.27	0.265	6.72
Jacket	Thermorad® HT black	0.009	0.23	0.283	7.19

Cable OD tolerance	+ 0.014	+ 0.36
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Specification	Raychem SPEC 55A
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Weight	56.98 lb/kft	84.95 Kg/Km
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*Continued*

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**Physical properties**

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<b>Jacket tensile strength</b>	5000 psi minimum
<b>Jacket elongation</b>	50% minimum

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**Environmental properties**

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

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**Electrical properties**

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<b>Voltage withstand (dielectric)</b>	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
<b>Jacket Flaws</b>	Spark Test: 1 kV (rms) Impulse Dielectric Test: 6.0 kV (peak)

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**Notes**

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<b>Colors</b>	Colors and color code designators shall be in accordance with MIL-STD-681.
<b>Dimensions</b>	Dimensions are in inches, and unless otherwise designated, are nominal.
<b>Identification, Colors &amp; Marks</b>	Line 1: Identifies the component per the components' table. Line 2: color codes. Line 3: component marks "-" jacket marks.
<b>Minimum length</b>	This cable may be supplied in the following maximum number of continuous lengths : (Order quantity(ft)/300)+1 other length.
<b>Nesting</b>	Some components are nested. Their size on the drawing may be altered to reflect the effect of nesting.
<b>Jacket identification</b>	Mark: Raychem - EPD-RWC-12419.

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