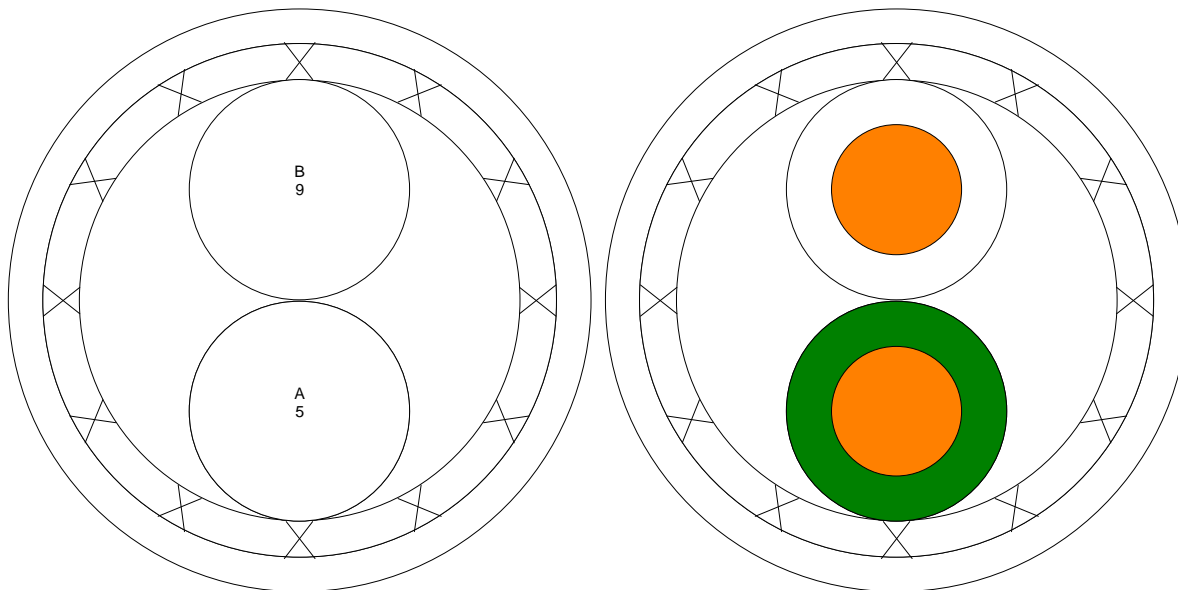


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	1	55A8000-22	Primary wire
B	1	55A8001-22	Primary wire

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Layer 1				0.102	2.59
Shield	Round tinned copper 38 awg regular	0.009	0.22	0.119	3.02
Jacket	Thermorad HT white	0.008	0.20	0.135	3.43
Cable OD tolerance				+ 0.005	+ 0.13

Specification	Raychem Spec. 55A
Weight	14.27 lb/kft      21.27 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	5000 psi minimum
Jacket elongation	50% 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 NEMA WC 27500. Coax components to their own SCD.
Jacket Flaws	Spark Test: 2.5 kV (rms). Impulse Dielectric Test: 6.0 kV (peak)
EMF	EMF shall be 4.00 mV (minimum), 4.19 mV (maximum), at 100 °C with reference junction at 0°C, and shall be performed on every length of cable.

### Notes

Colors	Color code designators shall be in accordance with MIL-STD-681.
Dimensions	Dimensions are in inches, and unless otherwise designated, are nominal.
Export License Note	These commodities, technology, or software, when exported from the United States, are required to be exported in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.
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.
Specification Information	This drawing is the property of Tyco Electronics Corporation and may not be used for any purpose other than for that which it is supplied without the express written authority of Tyco Electronics Corporation.
Trademarks	Raychem, Thermorad, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.
Finished Cable Spec	55A1121-22 as applicable.
Jacket identification	Mark: Raychem - EPD31337A.

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