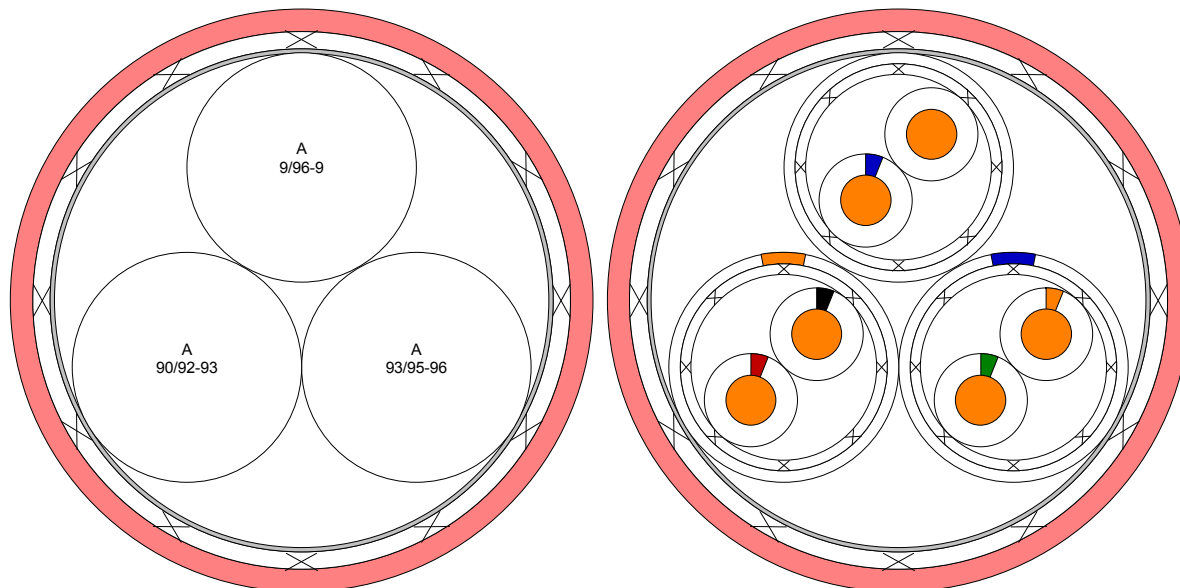


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	3	55PC1826-24	Twisted pair, shielded, jacketed

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Core				0.241	6.13
Wrap	Polyester tape .001"	0.002	0.05	0.245	6.23
Shield	Round nickel copper 38 awg regular	0.009	0.22	0.262	6.66
Jacket	Thermorad HT pink	0.011	0.28	0.284	7.22
Cable OD tolerance				+ 0.011	+ 0.28

Specification	Raychem Spec. 55A
Weight	55.12 lb/kft 82.17 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	Shield design shall be tinel lock compatible.
Shield Coverage	95% minimum

### Environmental properties

Accelerated Aging	300 ± 3°C for 7 hours
Voltage Withstand	(Post Environmental) 1000 volts (rms), 60 Hz. 1 minute
Flammability	Shall meet the requirements of FAR Part 25, Appendix F, Part I when tested in accordance with the 60 degree test specified therein.

### 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)

### 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	The information contained on this drawing may be subject to International Traffic in Arms Regulations (ITAR) or Export Administration Regulations (EAR) controls and may not be disclosed to any foreign person or firm, including foreign persons employed by or associated with your firm, without first complying with all requirements for obtaining an export license if applicable.
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.
Nesting	Some components are nested. Their size on the drawing may be altered to reflect the effect of nesting.
Jacket identification	Mark: Per customer spec.

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