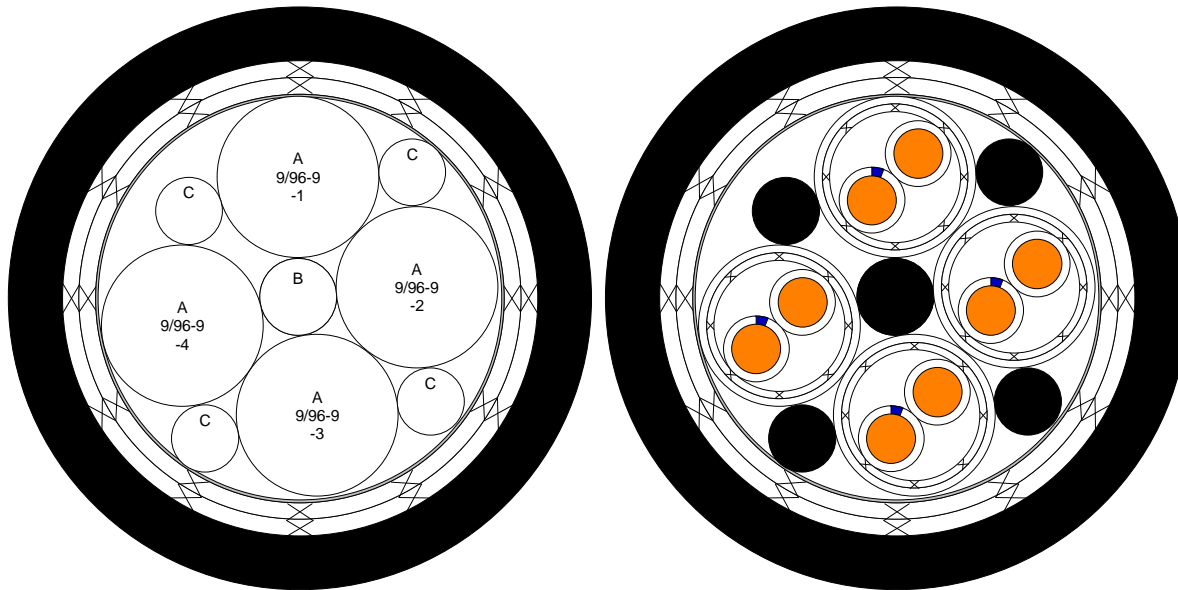


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	4	55A1122-20	Twisted pair, shielded, jacketed
B	1	FIL-40-0.060	Solid Thermorad Filler 0.060 OD
C	4	FIL-40-0.055	Solid Thermorad Filler 0.055 OD

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Layer 1				0.315	8.01
	Wrap	PET tape .001"	0.002 0.05	0.319	8.11
	Shield	Round tinned copper 34 awg optimized	0.013 0.33	0.345	8.77
	Shield	Round tinned copper 34 awg optimized	0.013 0.33	0.371	9.43
	Jacket	FDR-25 black	0.042 1.07	0.455	11.57
Cable OD tolerance				+ 0.023	+ 0.58
				- 0.022	- 0.56

Specification	Raychem WCD 3304	
Weight	169.51 lb/kft	252.72 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.
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Electrical properties

Optimized shield	Surface transfer impedance: 700 milliohms/meter (maximum) at .1 MHz to 1000 MHz, 60 dB (minimum) EMP Response per MIL-DTL-24640 on a .33 meter test sample.
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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.
Nesting	Some components are nested. Their size on the drawing may be altered to reflect the effect of nesting.
Color scheme	Number sequence.