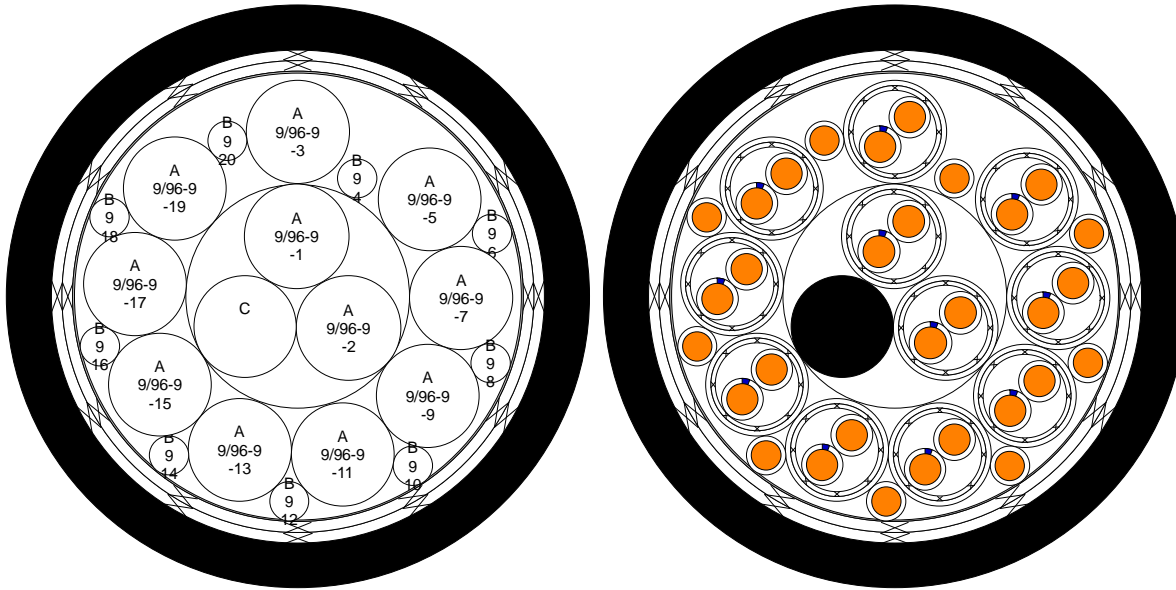


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	11	55A1122-20	Twisted pair, shielded, jacketed
B	9	55A0112-20	Primary wire
C	1	FIL-40-0.130	Solid Thermorad Filler 0.130 OD

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Layer 1				0.543	13.79
Wrap	PET tape .001"	0.002	0.05	0.547	13.89
Shield	Round tinned copper 34 awg optimized	0.013	0.33	0.573	14.55
Shield	Round tinned copper 34 awg optimized	0.013	0.33	0.599	15.21
Jacket	FDR-25 black	0.055	1.38	0.708	17.98
Cable OD tolerance				+ 0.035	+ 0.89
				- 0.035	- 0.89

**Specification** Raychem WCD 3304

**Weight** 397.52 lb/kft 592.66 Kg/Km

Continued

### Physical properties

<b>Component Sequence</b>	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

<b>Contrahelical lay</b>	The cable shall have a contrahelical lay.
<b>Optimized shield</b>	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.

### Notes

<b>Colors</b>	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>Export License Note</b>	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.
<b>Identification, Colors &amp; Marks</b>	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.
<b>Minimum length</b>	Cable will be supplied in 50 ft. minimum lengths unless otherwise specified.
<b>Part Number Note</b>	Other codes and suffixes may be added to the Part Number as necessary, to capture any additional requirements imposed by the purchase order
<b>Specification Information</b>	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.
<b>Trademarks</b>	Raychem, Thermorad, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.
<b>Nesting</b>	Some components are nested. Their size on the drawing may be altered to reflect the effect of nesting.

Identification

