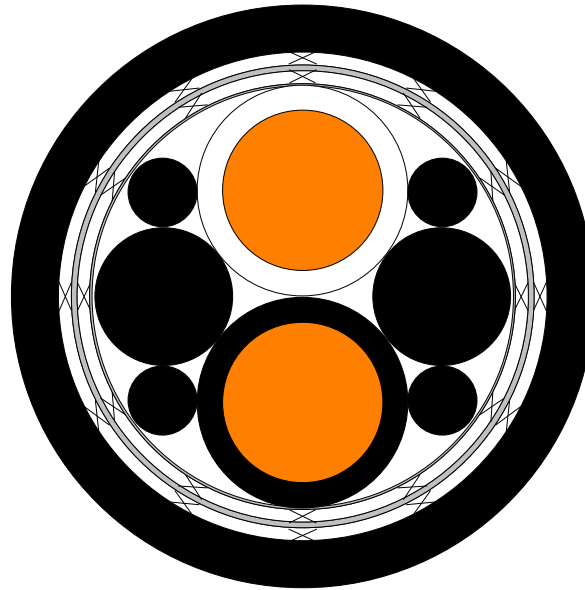
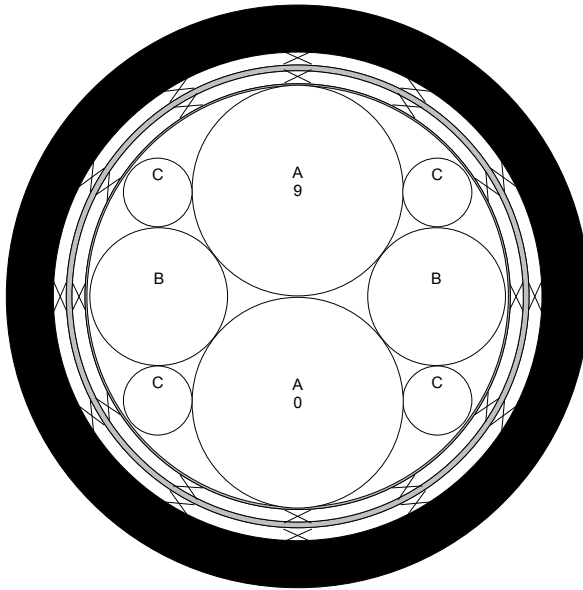


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	2	44A0811-8	Primary wire
B	2	FIL-40-0.140	Solid Thermorad Filler 0.140 OD
C	4	FIL-40-0.070	Solid Thermorad Filler 0.070 OD

Cable

Outer	Description	Thickness		OD		
		Inches	mm	Inches	mm	
Core				0.428	10.87	
	Wrap	Polyester tape .001"	0.002	0.05	0.432	10.97
	Shield	Round tinned copper 34 awg optimized	0.013	0.33	0.458	11.63
	Wrap	Polyester tape .003"	0.006	0.15	0.470	11.94
	Shield	Round tinned copper 34 awg optimized	0.013	0.33	0.496	12.60
	Jacket	FDR-25 black	0.048	1.21	0.592	15.03
Cable OD tolerance					+ 0.030	+ 0.76

Specification	Raychem WCD 3304
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Weight	290.87 lb/kft	433.66 Kg/Km
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OBSOLETE

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NOT the LATEST REVISION

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
Wrap(Between Shields)	40% (nominal) overlap
Shield	Shield design shall be tin lock compatible.

Electrical properties

Optimized shield	Maximum surface transfer impedance of 5 milli ohms / meter at 30 Mhz.
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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	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.
Marking	Jacket marked at 4 inch (nom) intervals between the marks.
Jacket identification	Mark: 2CSBBF 8-RAYCHEM-06090-Year of Manufacture.