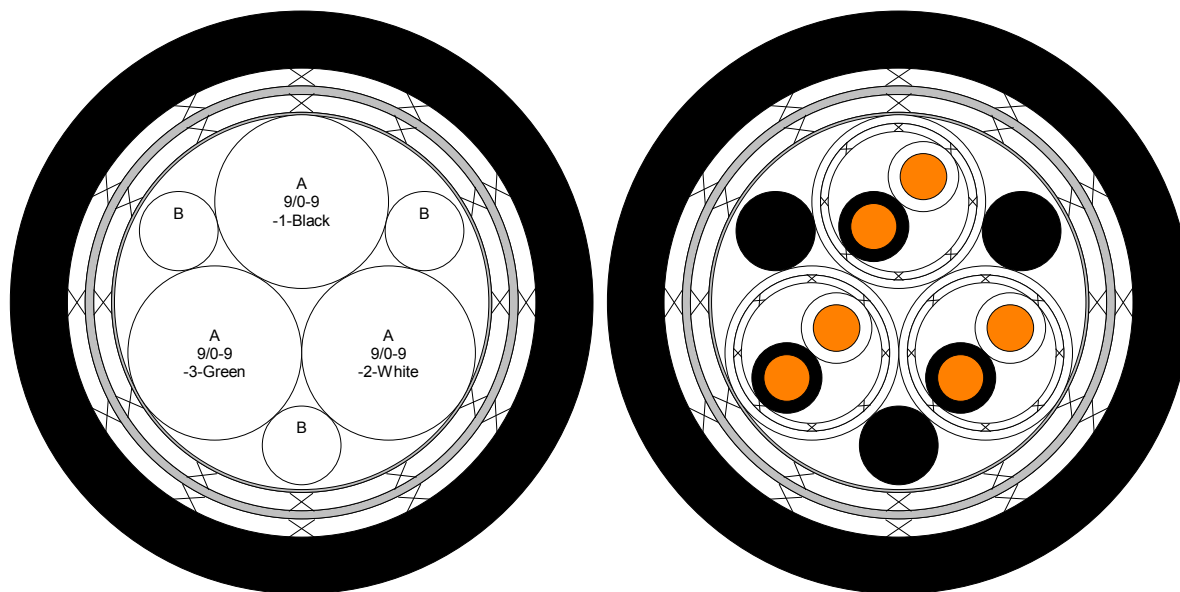


Identification, colors & marks

Cross section



Components

ID	Quantity	Part number	Description
A	3	44A1121-22	Twisted pair, shielded, jacketed
B	3	FIL-40-0.060	Solid Thermorad Filler 0.060 OD

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Core				0.270	6.86
Wrap	Polyester tape .001"	0.002	0.05	0.274	6.97
Shield	Round tinned copper 34 awg optimized	0.013	0.33	0.300	7.63
Wrap	Polyester tape .003"	0.006	0.15	0.312	7.93
Shield	Round tinned copper 34 awg optimized	0.013	0.33	0.338	8.59
Jacket	FDR-25 black	0.041	1.05	0.421	10.68
Cable OD tolerance				+ 0.021	+ 0.53

Specification	Raychem WCD 3304
Weight	136.36 lb/kft 203.30 Kg/Km

OBSOLETE

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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
Shield AWG	Shield AWG is nominal to allow for changes to meet the surface transfer impedance.
Shield	Shield design shall be tinel lock compatible.
Wrap(Between Shields)	40% (nominal) overlap

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.
Nesting	Some components are nested. Their size on the drawing may be altered to reflect the effect of nesting.
Marking	Jacket marked at 4 inch (nom) intervals between the marks.
Jacket identification	Mark: 3EBPBBF 22-RAYCHEM-06090-Year of Manufacture.

Page 2 of 2

Tyco Electronics Corporation
Raychem Wire and Cable
501 Oakside Avenue
Redwood City, CA 94063-3800
1-800-227-8816

This specification sheet takes precedence over documents referenced herein.
Referenced documents shall be of the issue in effect on date of invitation to bid.
Proposed specification control drawings may be altered prior to final issue.

RCD Version 1.2 Level 1 Ser #5 RWC 8/7/95