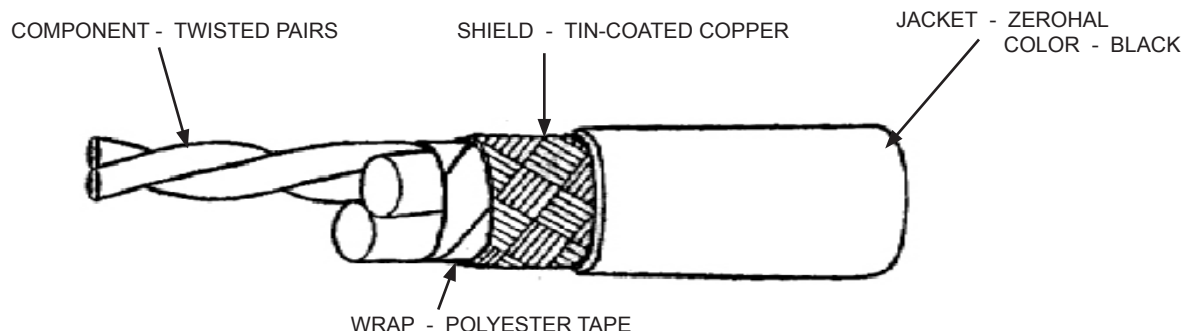


SPECIFICATION CONTROL DRAWING				CSC-0149	
TITLE MULTI-PAIR CABLE, AWG 26, OPTIMIZED SHIELD, JACKETED				Date 1-7-10	Revision K
This specification sheet forms a part of the latest issue of Raychem Specification 345.					



COMPONENTS - 1 of 35B7000-26-9 twisted together with 1 of 35B7000-26-0 with lay legths as specified on page 2.

TABLE I. CABLE CONSTRUCTION DETAILS							
PART NUMBER <u>1/</u>	CONDUCTOR SIZE (AWG)	NUMBER OF PAIRS	OPTIMIZED SHIELD SIZE (AWG) (nominal)	JACKET THICKNESS (inch) (nominal)	CABLE DIAMETER (inch)		CABLE WEIGHT lbs/1000 ft.) (nominal)
					MINIMUM	MAXIMUM	
CSC-0149-26-12	26	6	32	.051	.365	.393	87.7
CSC-0149-26-20	26	10	32	.051	.453	.488	123.
CSC-0149-26-36	26	18	32	.055	.488	.526	161.
CSC-0149-26-60	26	30	34	.055	.576	.621	212.
CSC-0149-26-84	26	42	34	.055	.670	.722	282.
CSC-0149-26-90	26	45	34	.055	.703	.760	292.
CSC-0149-26-120	26	60	34	.055	.766	.826	359.
CSC-0149-26-154	26	77	34	.060	.855	.921	450.

ADDITIONAL REQUIREMENTS

CABLE JACKET: Tensile Strength, 1300 lbf/in² (minimum)
Elongation, 160% (minimum)

SURFACE TRANSFER IMPEDANCE: 700 milliohms/m (maximum) at 0.1 MHz to 100 MHz;
60 dB (minimum) for 1 meter EMP Response per MIL-DTL-24640

VOLTAGE WITHSTAND: Test Voltage: 2000 volts (rms) conductor to conductor
1000 volts (rms) conductor to shield

WRAP: .001 inch thick (nominal)

CHARACTERISTIC IMPEDANCE: Component pair at 1 MHz, 135 (+15, -20) ohms

COMPONENT IDENTIFICATION:

Mark the black wire with white ink and the white wire with black ink with the pair number at 1-1/2 inch (maximum) intervals with alternate numbers inverted. The vertical axis of the numbers shall be lengthwise on the wire.

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.			
1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER. AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.			
Page 1 of 2	The TE logo, Tyco Electronics, Raychem and Zerohal are trademarks.		 Raychem Wire & Cable 501 Oaks Avenue Redwood City, CA 94063-3800 Phone: 1-800-227-8816 Fax: 1-650-361-6297
	DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL		
	THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.		

TABLE II. (All lays are left hand)					
PAIR NO.	PAIR LAY (in.)	PAIR NO.	PAIR LAY (in.)	PAIR NO.	PAIR LAY (in.)
1	1.5	27	1.0	53	2.5
2	1.0	28	2.0	54	3.5
3	2.0	29	3.0	55	4.5
4	3.0	30	4.5	56	5.5
5	4.5	31	1.0	57	1.0
6	1.0	32	2.0	58	1.5
7	2.0	33	3.0	59	2.0
8	3.0	34	4.5	60	2.5
9	1.5	35	1.0	61	3.0
10	2.5	36	2.0	62	4.5
11	5.5	37	3.0	63	5.5
12	1.5	38	4.5	64	1.0
13	2.5	39	1.0	65	1.5
14	3.7	40	2.0	66	2.0
15	5.5	41	3.0	67	2.5
16	1.5	42	4.5	68	3.0
17	2.5	43	1.0	69	4.5
18	3.7	44	1.5	70	5.5
19	1.5	45	2.0	71	1.0
20	2.5	46	2.5	72	1.5
21	3.7	47	3.0	73	2.0
22	5.5	48	4.5	74	2.5
23	1.0	49	5.5	75	3.0
24	2.0	50	1.0	76	4.5
25	3.0	51	1.5	77	5.5
26	4.5	52	2.0		

TABLE III.					
PART NUMBER <u>1/</u>	CORE	LAYER 1	LAYER 2	LAYER 3	LAYER 4
CSC-0149-26-12	-----	Pairs 1 - 6			
CSC-0149-26-20	Pairs 1 - 2	Pairs 3 - 10			
CSC-0149-26-36	Pair 1	Pairs 2 - 6	Pairs 7 - 18		
CSC-0149-26-60	-----	Pairs 1 - 4	Pairs 5 - 14	Pairs 15 - 30	
CSC-0149-26-84	-----	Pairs 1 - 8	Pairs 9 - 22	Pairs 23 - 42	
CSC-0149-26-90	Pairs 1 - 3	Pairs 4 - 12	Pairs 13 - 25	Pairs 26 - 45	
CSC-0149-26-120	Pair 1	Pairs 2 - 7	Pairs 8 - 19	Pairs 20 - 36	Pairs 37 - 60
CSC-0149-26-154	Pairs 1 - 3	Pairs 4 - 12	Pairs 13 - 27	Pairs 28 - 49	Pairs 50 - 77

1/ See footer section on page 1.