

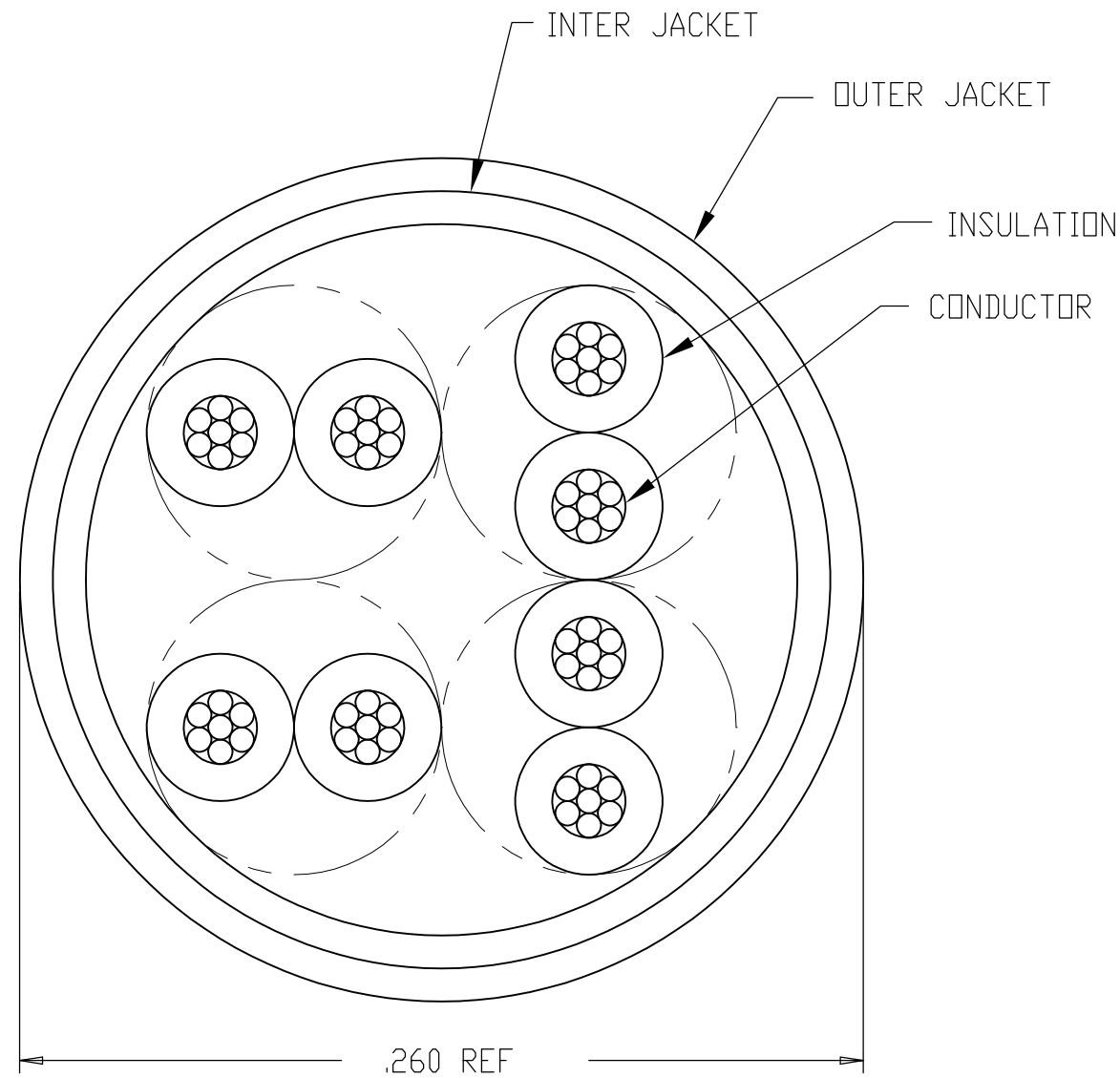
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CATEGORY 5E PERFORMANCE CHARACTERISTICS

FREQUENCY MHz	RETURN LOSS (dB) MIN.	NEXT (dB) MIN.	POWER SUM NEXT (dB) MIN.	ELFEXT (dB/100m) MIN.	PSELFEXT (dB/100m) MIN.	ACR (dB) MIN.	PSACR (dB) MIN.	INSERTION LOSS (dB) MIN.
0.772	NA	67.0	64.0	66.0	63.0	64.8	61.8	2.2
1.00	20.0	65.3	62.3	63.8	60.8	62.9	59.9	2.4
4.00	23.0	56.3	53.3	51.7	48.7	51.4	48.4	4.9
8.00	24.5	51.8	48.8	45.7	42.7	44.9	41.9	6.9
10.00	25.0	50.3	47.3	43.8	40.8	42.5	39.5	7.8
16.00	25.0	47.3	44.3	39.7	36.7	37.4	34.4	9.9
20.00	25.0	45.8	42.8	37.7	34.7	34.7	31.7	11.1
25.00	24.2	44.3	41.3	35.8	32.8	31.8	28.8	12.5
31.25	23.3	42.9	39.9	33.9	30.9	28.8	25.8	14.1
62.50	20.7	38.4	35.4	27.8	24.8	18.0	15.0	20.4
100.00	19.0	35.3	32.3	23.8	20.8	8.9	5.9	26.4

FINISHED CABLE DATA

CONDUCTORS 	WIRE AWG	26 AWG 7/32 TINNED
	OVERALL NOMINAL DIAMETER	0.0235
	MATERIAL	COPPER
INSULATION	MATERIAL	POLYETHYLENE
	OVERALL NOMINAL DIAMETER	0.040
SHIELD	FOIL	ALUMINUM MYLAR
INNER JACKET	MATERIAL	PVC
OUTER JACKET	MATERIAL	UV-FG POLYOLEFIN



LEGEND TO BE REPEATED EVERY 24" MAX

AMP NETCONNECT ETHER SEAL MODERATE NOISE CAT 5e INDUSTRIAL CABLE 4 PR 24 AWG 75c SUN RES OIL RES II CMR c(ETL)us XXXXXXXX ABCD

2 3 7 6 4

LOC	DIST	REVISIONS					
EH	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RLSD PER EC OB10-0050-04	20APR04	LH	RS
			B	REV ECD-08-014237	09JUN08	LH	JG
			C	REV ECD-11-001451	20JAN2011	LH	JG

1. COLOR CODE:

PAIR	CONDUCTOR 1	CONDUCTOR 2
1	WHT/BLU	BLU
2	WHT/ORN	ORN
3	WHT/GRN	GRN
4	WHT/BRN	BRN

LIGHT BLUE, WHITE, LIGHT GREEN AND LIGHT BROWN ARE
ACCEPTABLE COLORS FOR CONDUCTOR 1.

2 PRINT COLOR SHALL BE BLACK.

3 PRINT DURABILITY SHALL BE PER UL 444 SECTION 6.7

4 ABCD IS DATE CODE - AB YEAR
CD WEEK
EXAMPLE: 9513 PER (102-60)

5. GOVERNING SPECIFICATIONS - LATEST REVISIONS

TIA/EIA 568-B.2 CATEGORY 5e
UL 62 SECTION 59 OIL RESISTANCE
UL 444 - CMR
UL 444 SECTION 6.12 UV EXPOSURE

6 ETL CONTROL NUMBER.

 LEGEND MAY VARY PER REGULATORY REQUIREMENTS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. HALL 12APR04		 Tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
		CHK R. SPEER 12APR04			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD R. SPEER 12APR04		CABLE, 4 PAIR, ETHER SEAL MODERATE NOISE, PATCH CORD	
		PRODUCT SPEC		—	
		APPLICATION SPEC		—	
		—		SIZE	CAGE CODE
MATERIAL		FINISH		DRAWING NO	
—		—		RESTRICTED TO	
		WEIGHT		—	
		—		A2 00779 C-1499448	
CUSTOMER DRAWING				SCALE	1:1
				SHEET	1 of 1
				REV	C