

LOC	DIST	REVISIONS					
EH	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			H	REV; ECO-11-005113	11MAR2011	GG	JG

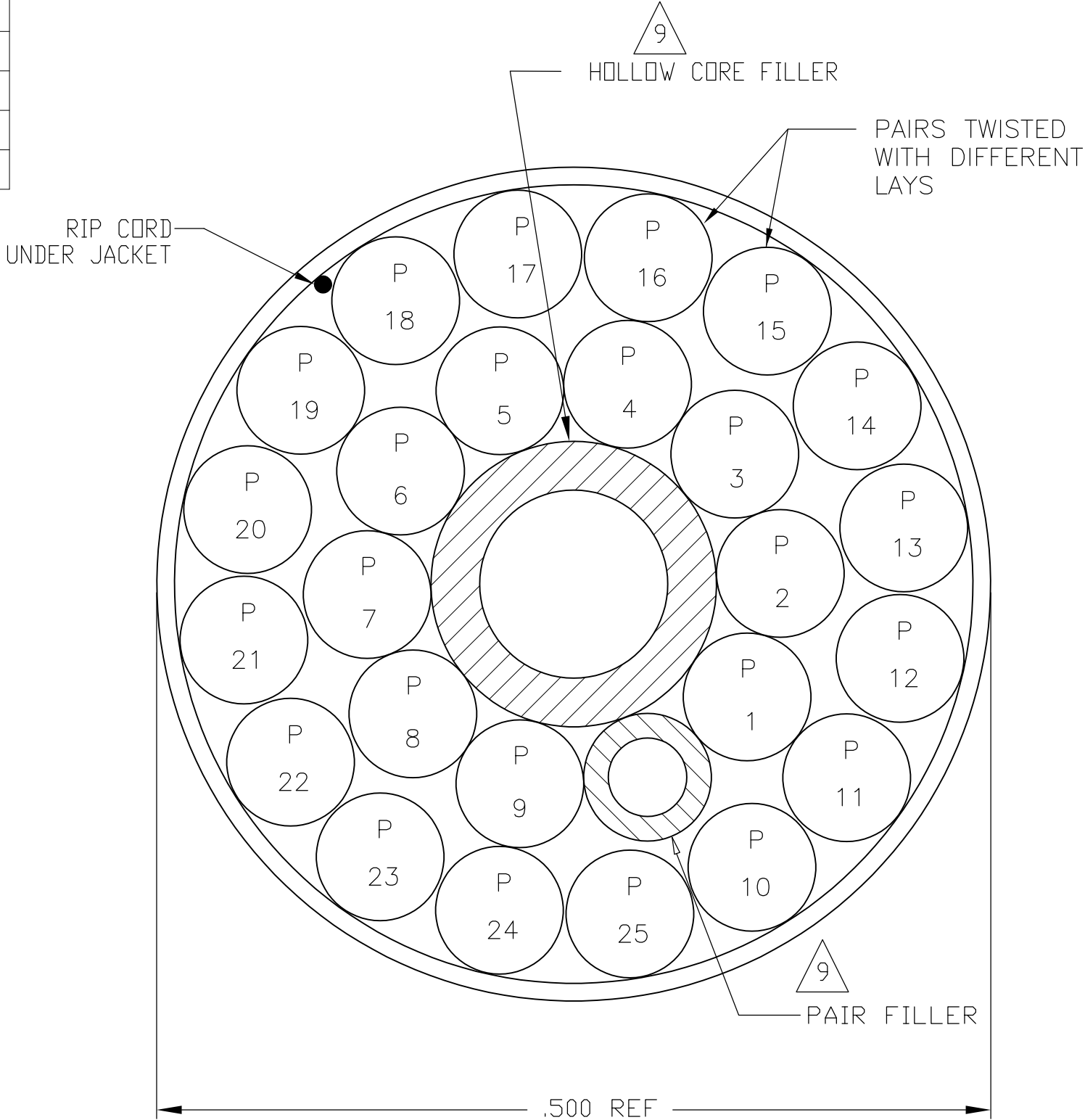
CATEGORY 5E PERFORMANCE CHARACTERISTICS							
FREQUENCY	RETURN LOSS MIN dB	INPUT IMPEDANCE dB	INSERTION LOSS MIN dB	NEXT MIN dB	POWER SUM NEXT MIN dB	ELFEXT MIN dB	PSELFEXT MIN dB
0.772	N/A	100±15%	1.8	67.0	64.0	N/A	N/A
1.00	20.0	100±15%	2.0	65.3	62.0	63.8	60.8
4.00	23.0	100±15%	4.1	56.3	53.0	51.8	48.8
8.00	24.5	100±15%	5.8	51.8	49.0	45.7	42.7
10.00	25.0	100±15%	6.5	50.3	47.0	43.8	40.8
16.00	25.0	100±15%	8.2	47.2	44.0	39.7	36.7
20.00	25.0	100±15%	9.3	45.8	43.0	37.8	34.8
25.00	24.3	100±15%	10.4	44.3	41.0	35.8	32.8
31.3	23.6	100±15%	11.7	42.9	40.0	33.9	30.9
62.50	21.5	100±15%	17.0	38.4	35.0	27.9	24.9
100.00	20.1	100±15%	22.0	35.3	32.0	23.8	20.8

FINISHED WIRE DATA		
CONDUCTORS	WIRE AWG	24 AWG SOLID (Ø0.021 NOM)
	MATERIAL	COPPER
	PLATING	BARE COPPER
INSULATION	MATERIAL	HDPE
	THICKNESS	.008 NOMINAL
JACKET	MATERIAL	PVC
	THICKNESS	.032 NOMINAL

COLOR CODE			
PAIR			
1	WHT//BLU	14	BLK//BRN
2	WHT//ORG	15	BLK//GRA
3	WHT//GRN	16	YEL//BLU
4	WHT//BRN	17	YEL//ORG
5	WHT//GRA	18	YEL//GRN
6	RED//BLU	19	YEL//BRN
7	RED//ORG	20	YEL//GRA
8	RED//GRN	21	VIO//BLU
9	RED//BRN	22	VIO//ORG
10	RED//GRA	23	VIO//GRN
11	BLK//BLU	24	VIO//BRN
12	BLK//ORG	25	VIO//GRA
13	BLK//GRN		

LEGEND TO BE REPEATED EVERY 24"

AMP NETCONNECT GIGABIT ETHERNET 25 PR CABLE 9900396 0100 24AWG CMR 75C C&T L&S VERIFIED ETL CAT5E TIA-568-B.2 [SEQUENTIAL #] FT ABCDE (TIME)



- 1

SEQUENTIAL FOOTAGE IS RETURNED TO ZERO FOR EACH LENGTH SEQUENTIAL FOOTAGE ACCURACY TO BE ± 1%.
- 2

JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS.
- 3

0100 IS AMP MANUFACTURING LOCATION AND MAY DIFFER.
- 4

PRINT SHALL BE LEGIBLE.
- 5

PRINT DURABILITY SHALL BE PER UL 444 SECTION 6.7.
- 6

ABCDE IS DATE CODE - AB YEAR
CD WEEK
E TIME
EXAMPLE: 9513 PER (102-60)

7. GOVERNING SPECIFICATIONS - LATEST REVISIONS

TIA 568
NEC 800
UL 444 - CMR
CSA C22.2 NO. 214-02

8. WEIGHT = 134 LBS/1000 FT NOMINAL.

- 9

OTHER FILLERS MAY BE INCLUDED IN CABLE CONSTRUCTION.

	YELLOW	2500±10%	6-1499418-4
	BLUE	2500±10%	6-1499418-3
	GRAY	2500±10%	6-1499418-2
	WHITE	1640±2%	5-1499418-5
	WHITE	2500±10%	5-1499418-2
	WHITE	2000±10%	5-1499418-1
	GRAY	1640	4-1499418-2
	YELLOW	1000±10%	1499418-4
	BLUE	1000±10%	1499418-3
	GRAY	1000±10%	1499418-2
	WHITE	1000±10%	1499418-1
2	COLOR	LENGTH (FT)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	11JUL03	Tyco Electronics Tyco Electronics Corporation Harrisburg, Pa., 17105-3608			
DIMENSIONS: INCHES		CHK	14JUL03				
		R. SPEER		NAME			
		APVD		R. SPEER			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC			
MATERIAL		FINISH		WEIGHT		CUSTOMER DRAWING	
0 PLC ±		1 PLC ± .1		2 PLC ± .02		3 PLC ± .005	
4 PLC ± .0005		ANGLES ±		SIZE		CAGE CODE	
				DRAWING NO		RESTRICTED TO	
				A2		00779	
				C=1499418		—	
				SCALE		SHEET	
				NTS		1 OF 1	
						REV	
						H	