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### CATEGORY 5E PERFORMANCE CHARACTERISTICS

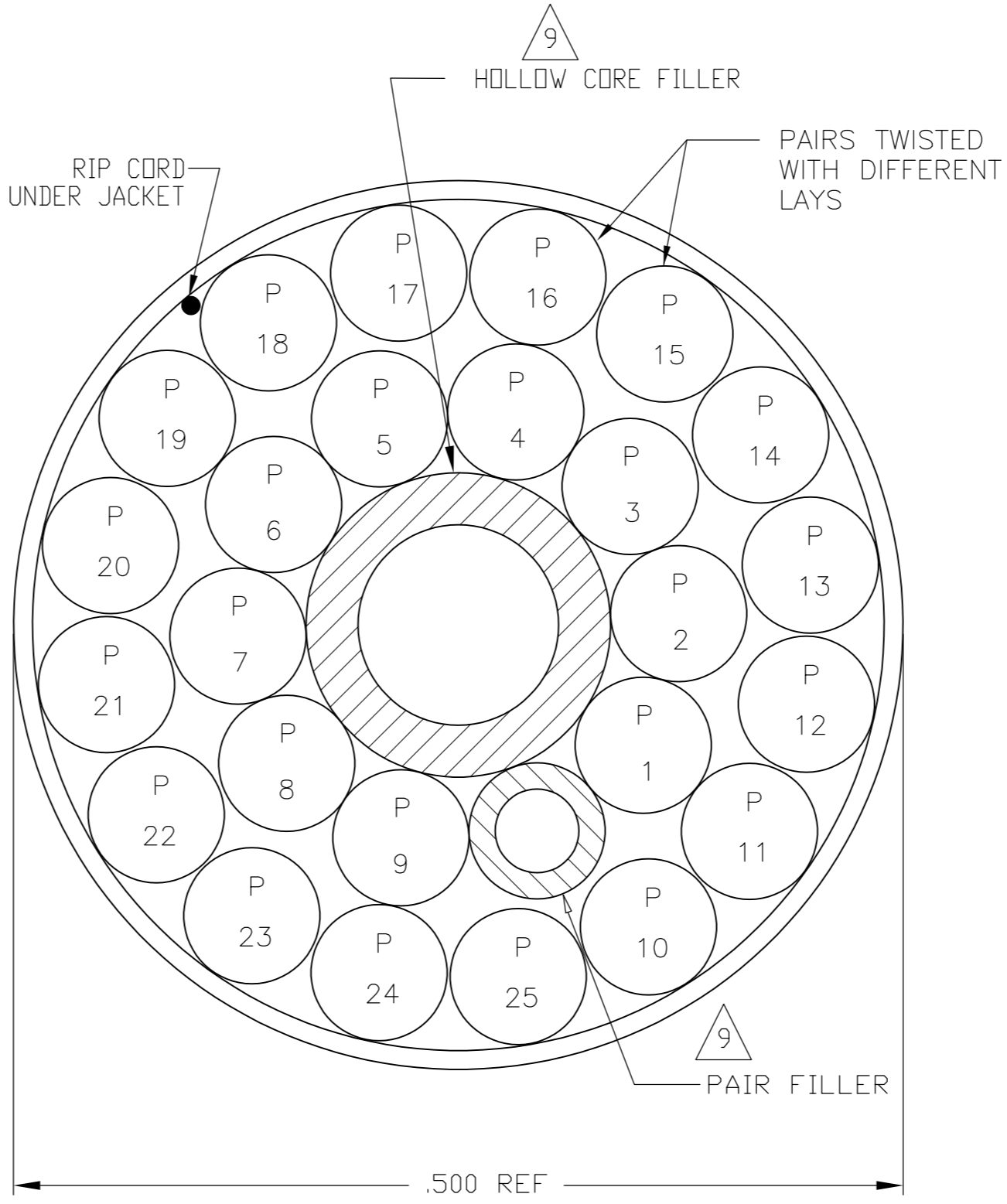
FREQUENCY	RETURN LOSS MIN dB	INPUT IMPEDANCE dB	INSERTION LOSS MAX dB AT 100M	NEXT MIN dB	POWER SUM NEXT MIN dB	ACRF MIN dB	PSACRF MIN dB
1.00	20.0	100±15%	2.0	65.3	62.3	63.8	60.8
4.00	23.0	100±15%	4.1	56.3	53.3	51.7	48.7
8.00	24.5	100±15%	5.8	51.8	48.8	45.7	42.7
10.00	25.0	100±15%	6.5	50.3	47.3	43.8	40.8
16.00	25.0	100±15%	8.2	47.2	44.2	39.7	36.7
20.00	25.0	100±15%	9.3	45.8	42.8	37.7	34.7
25.00	24.3	100±15%	10.4	44.3	41.3	35.8	32.8
31.3	23.6	100±15%	11.7	42.9	39.9	33.9	30.9
62.50	21.5	100±15%	17.0	38.4	35.4	27.9	24.8
100.00	20.1	100±15%	22.0	35.3	32.3	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	PAIR	PAIR	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		



LOC	DIST	REVISIONS					
EH	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		J		REV ECO-12-006137	03APR2012	LH	LH
		K		REV: ECO-14-007074	13MAY2014	JB	PJ

- 1 LENGTH SEQUENTIAL FOOTAGE ACCURACY TO BE ± 1%.
- 2 JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS.
- 3 <XXXX> INDICATES THE 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.
- 10 SAFETY LISTING EITHER C(UL)US OR C(ETL)US.

LEGEND TO BE REPEATED EVERY 24"

TE CONNECTIVITY 510 SERIES 25/24 AWG (XXXX) CMR (SAFETY LISTING) ETL VERIFIED TIA-568-C.2 CAT 5E [SEQUENTIAL #] FT (DATE CODE)



WHITE	3280±10%	7-1499418-2
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

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DWN	L.HALL	11JUL03
CHK	R. SPEER	14JUL03
APVD	R. SPEER	14JUL03

**TE** TE Connectivity

NAME: CMR UTP 25/24 C5E

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=1499418	-

APPLICATION SPEC: CUSTOMER DRAWING

WEIGHT: NTS

SCALE: NTS SHEET: 1 of 1 REV: K