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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
EH		P		REV ECO-09-010386	30APR09	LH	JG
		R		REV ECO-09-017006	23JUL09	LH	JG

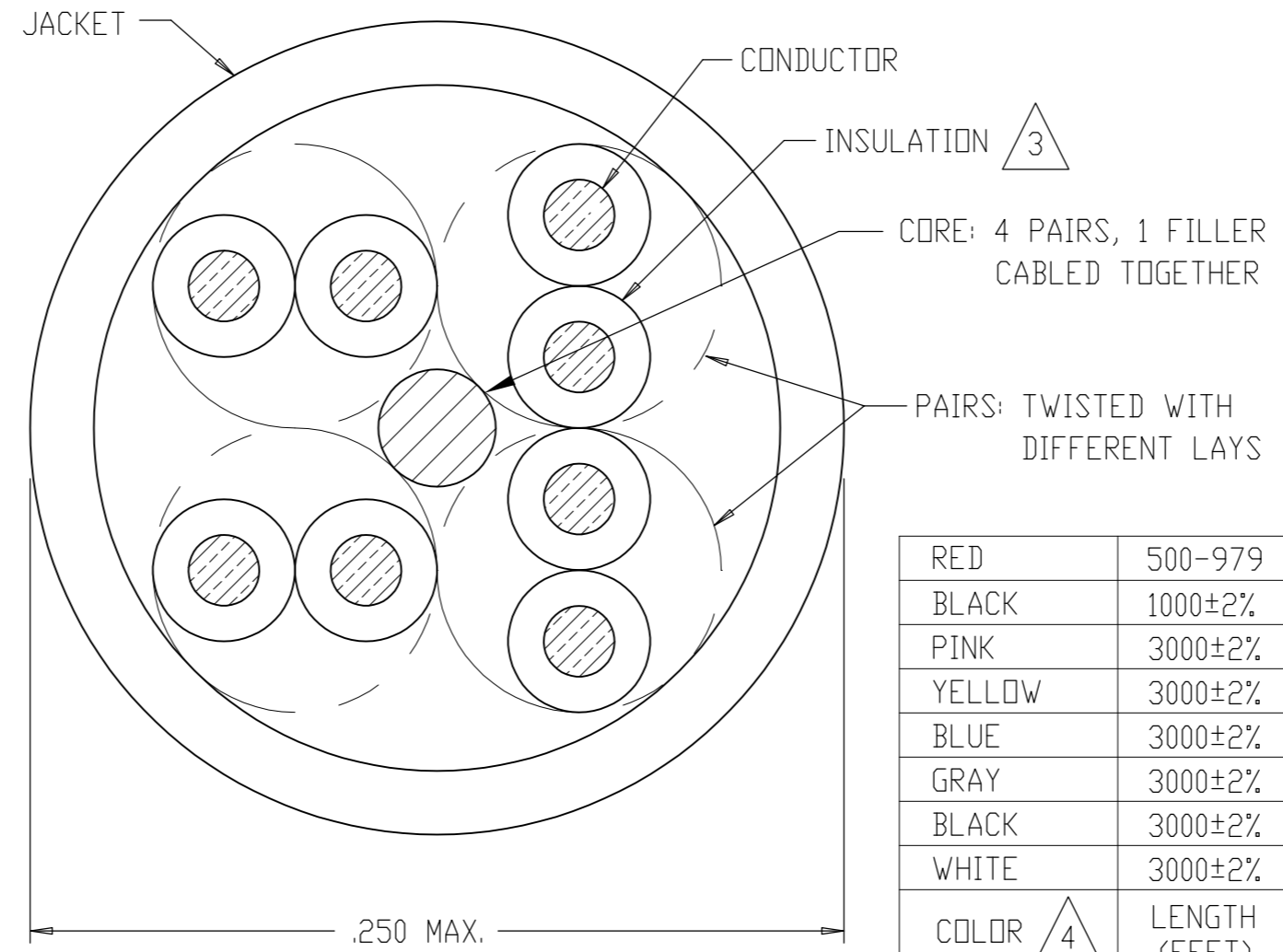
CAT 6 PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (dB/100m)	NEXT (dB, WORST PR)			PSNEXT (dB)		ELFEXT (dB, WORST PR)		PSELFEXT (dB)		DELAY (ns/100m)	RL (dB)			IMPEDANCE (ohms)		ACR (dB)	
		MINIMUM	TYPICAL	MAXIMUM	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL		MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL	
0.772	1.8	79	82	77	79	70	73	67	69	-	-	-	100±15	77.0	80.2			
1.00	2.0	77	80	75	77	68	71	65	67	570	20.0	28.0	100±15	75.1	78.3			
4.00	3.8	68	71	66	68	56	59	53	55	552	23.0	31.0	100±15	64.3	67.5			
8.00	5.3	64	67	62	64	50	53	47	49	547	24.5	32.5	100±15	58.2	61.4			
10.00	6.0	62	65	60	62	48	51	45	47	545	25.0	33.0	100±15	56.1	59.3			
16.00	7.6	59	62	57	59	44	47	41	43	543	25.0	33.0	100±15	51.5	54.7			
20.00	8.5	58	61	56	58	42	45	39	41	542	25.0	33.0	100±15	49.1	52.3			
25.00	9.5	56	59	54	56	40	43	37	39	541	24.3	32.3	100±15	46.6	49.8			
31.25	10.7	55	58	53	55	38	41	35	37	540	23.6	31.6	100±15	44.0	47.2			
62.50	15.4	50	53	48	50	32	35	29	31	539	21.5	29.5	100±15	34.8	37.9			
100.00	19.8	47	50	45	47	28	31	25	27	538	20.1	28.1	100±15	27.3	30.4			
155.00	25.2	44	47	42	44	24	27	21	23	537	18.8	26.8	100±15	19.1	22.1			
200.00	29.0	43	46	41	43	22	25	19	21	537	18.0	26.0	100±15	13.6	16.6			
250.00	32.8	41	44	39	41	20	23	17	19	536	17.3	25.3	100±15	8.3	11.3			
300.00	36.4	40	43	38	40	18	21	15	17	536	16.8	24.8	100±15	3.5	6.5			
350.00	39.8	39	42	37	39	17	20	14	16	536	16.3	24.3	100±15	-	2.1			
400.00	43.0	38	41	36	38	16	19	13	15	536	15.9	23.9	100±15	-	-			
450.00	46.0	38	41	36	38	15	18	12	14	536	15.5	23.5	100±15	-	-			
500.00	48.9	37	40	35	37	14	17	11	13	536	15.2	23.2	100±15	-	-			
550.00	51.8	36	39	34	36	13	16	10	12	536	14.9	22.9	100±15	-	-			
600.00	54.5	36	39	34	36	12	15	9	11	535	14.7	22.7	100±15	-	-			

- 1 SEQUENTIAL FOOTAGE IS RETURNED TO ZERO FOR EACH LENGTH SEQUENTIAL FOOTAGE ACCURACY TO BE ± 1%
  - 2 MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND AMP 108-1764 LATEST ISSUES
  - 3 INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE.
  - 4 JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOR STANDARD
  - 5 PRINT COLOR SHALL BE BLACK EXCEPT WHITE ON BLACK AND VIOLET JACKET.
  - 6 PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5
  - 7 PACKAGE IN ACCORDANCE WITH AMP SPECIFICATIONS 107-24 AND 107-1560
  - 8 ABCD IS DATE CODE - AB YEAR  
CD WEEK  
E DAY  
EXAMPLE 9513 (PER 102-60)
9. GOVERNING SPECIFICATIONS - LATEST REVISIONS  
AMP 108-1764  
NEC 800  
UL 444 - CMR

PRODUCT COMPLIES WITH IAW TIA/EIA 568, LATEST ISSUE. FOR ENGINEERING PURPOSES ONLY, ALL MEASUREMENTS ARE SWEEPED OVER THE FREQUENCY RANGE OF INTEREST.

FINISHED CABLE DATA		
CONDUCTORS	WIRE AWG	23 AWG SOLID (Ø.0226 NOM)
	MATERIAL	SOLID BARE COPPER
INSULATION	MATERIAL	POLYETHYLENE
	THICKNESS	.0097 NOM (Ø.042 NOM)
JACKET	MATERIAL	FR PVC
	THICKNESS	.025 NOM
FILLER	MATERIAL	POLYETHYLENE



COLOR CODE

PAIR	COLOR CODE
1	WHT/BLU
2	WHT/DRG
3	WHT/GRN
4	WHT/BRN

RED	500-979	REEL	8-219560-5	RED	3000±2%	REEL	4-219560-5
BLACK	1000±2%	REEL BOX	8-219560-2	GREEN	1000±2%	REEL	2-219560-4
PINK	3000±2%	REEL	6-219560-8	VIOLET	1000±2%	REEL BOX	1-219560-8
YELLOW	3000±2%	REEL	6-219560-7	RED	1000±2%	REEL BOX	1-219560-6
BLUE	3000±2%	REEL	6-219560-5	GREEN	1000±2%	REEL BOX	1-219560-4
GRAY	3000±2%	REEL	6-219560-3	PINK	1000±2%	REEL BOX	1-219560-2
BLACK	3000±2%	REEL	6-219560-2	PINK	1000±2%	REEL	1-219560-1
WHITE	3000±2%	REEL	6-219560-1	ORANGE	1000±2%	REEL BOX	1-219560-0
COLOR	LENGTH (FEET)	PACKAGE	PART NUMBER	YELLOW	1000±2%	REEL BOX	219560-8
				YELLOW	1000±2%	REEL	219560-7
				BLUE	1000±2%	REEL BOX	219560-6
				BLUE	1000±2%	REEL	219560-5
				GRAY	1000±2%	REEL BOX	219560-4
				GRAY	1000±2%	REEL	219560-3
				WHITE	1000±2%	REEL BOX	219560-2
				WHITE	1000±2%	REEL	219560-1

LEGEND TO BE REPEATED EVERY 24"  
 AMP NETCONNECT CATEGORY 6 CABLE 23AWG 0600 CMR(ETL) CMG, (ETL) 2000327 [SEQUENTIAL #] FT ABCDE (TIME)



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	L.D.SIMPSON	03AUG2001	Tyco Electronics Corporation Harrisburg, PA 17105-3608			
CHK	R.SPEER	09JUN00				
APVD	R.SPEER	09JUN00	NAME CABLE CATEGORY 6, 4UTP, 23 AWG, CMR			
PRODUCT SPEC						
APPLICATION SPEC			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
WEIGHT			A2	00779	C=219560	
CUSTOMER DRAWING			SCALE	NTS	SHEET	1 OF 1
						REV R