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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
EH	00		K	REV ECO-06-027013	21NOV06	LH	RS
			L	REV ECO-07-017086	24JUL07	LH	JG

CATEGORY 5e PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (dB/100m)	NEXT (dB, WORST PR)			PSNEXT (dB)		ELFEXT (dB, WORST PR)		PSELFEXT (dB)		DELAY (ns/100m)	SRL (dB)	RL (dB)			IMPEDANCE (ohms)	ACR (dB)	
		MINIMUM	TYPICAL	MAXIMUM	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL			MINIMUM	TYPICAL	MINIMUM		TYPICAL	MINIMUM
0.772	1.8	69	76	-	66	70	66	71	63	68	-	23.0	-	-	100±15	67.2	74.2	
1.00	2.0	67	74	-	64	68	64	69	61	66	570	23.0	20.0	26.0	100±15	65.3	72.3	
4.00	4.1	58	65	-	55	59	52	57	49	54	552	23.0	23.0	29.0	100±15	54.2	61.2	
8.00	5.8	54	61	-	51	55	46	51	43	48	547	23.0	24.5	30.5	100±15	48.0	55.0	
10.00	6.5	52	59	-	49	53	44	49	41	46	545	23.0	25.0	31.0	100±15	45.8	52.8	
16.00	8.2	49	56	-	46	50	40	45	37	42	543	23.0	25.0	31.0	100±15	41.0	48.0	
20.00	9.3	48	55	-	45	49	38	43	35	40	542	23.0	25.0	31.0	100±15	38.5	45.5	
25.00	10.4	46	53	-	43	47	36	41	33	38	541	22.0	24.3	30.3	100±15	35.9	42.9	
31.25	11.7	45	52	-	42	46	34	39	31	36	540	21.1	23.6	29.6	100±15	33.2	40.2	
62.50	17.0	40	47	-	37	41	28	33	25	30	539	18.1	21.5	27.5	100±15	23.4	30.4	
100.00	22.0	37	44	-	34	38	24	29	21	26	538	16.0	20.1	26.1	100±15	15.3	22.3	
155.00	28.1	34	41	-	31	35	20	25	17	22	537	14.1	18.8	24.8	100±15	6.4	13.4	
200.00	32.4	33	40	-	30	34	18	23	15	20	537	13.0	18.0	24.0	100±15	0.4	7.4	

- GOVERNING SPECIFICATIONS: (LATEST ISSUE)
EIA/TIA 568
CATAGORY 5e
NEC 800
UL444 CMR
- JACKET MARKED PER UL444.
- XXXX IS AMP MANUFACTURING LOCATION
- ABCD IS DATE CODE - AB YEAR
CD WEEK
E DAY
EXAMPLE 9513 (PER 102-60)
- SEQUENTIAL FOOTAGE IS NOT RETURNED TO ZERO FOR EACH LENGTH
- MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND EIA/TIA 568, LATEST ISSUES
- JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA 359-A WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOR STANDARD.

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

FINISHED CABLE DATA

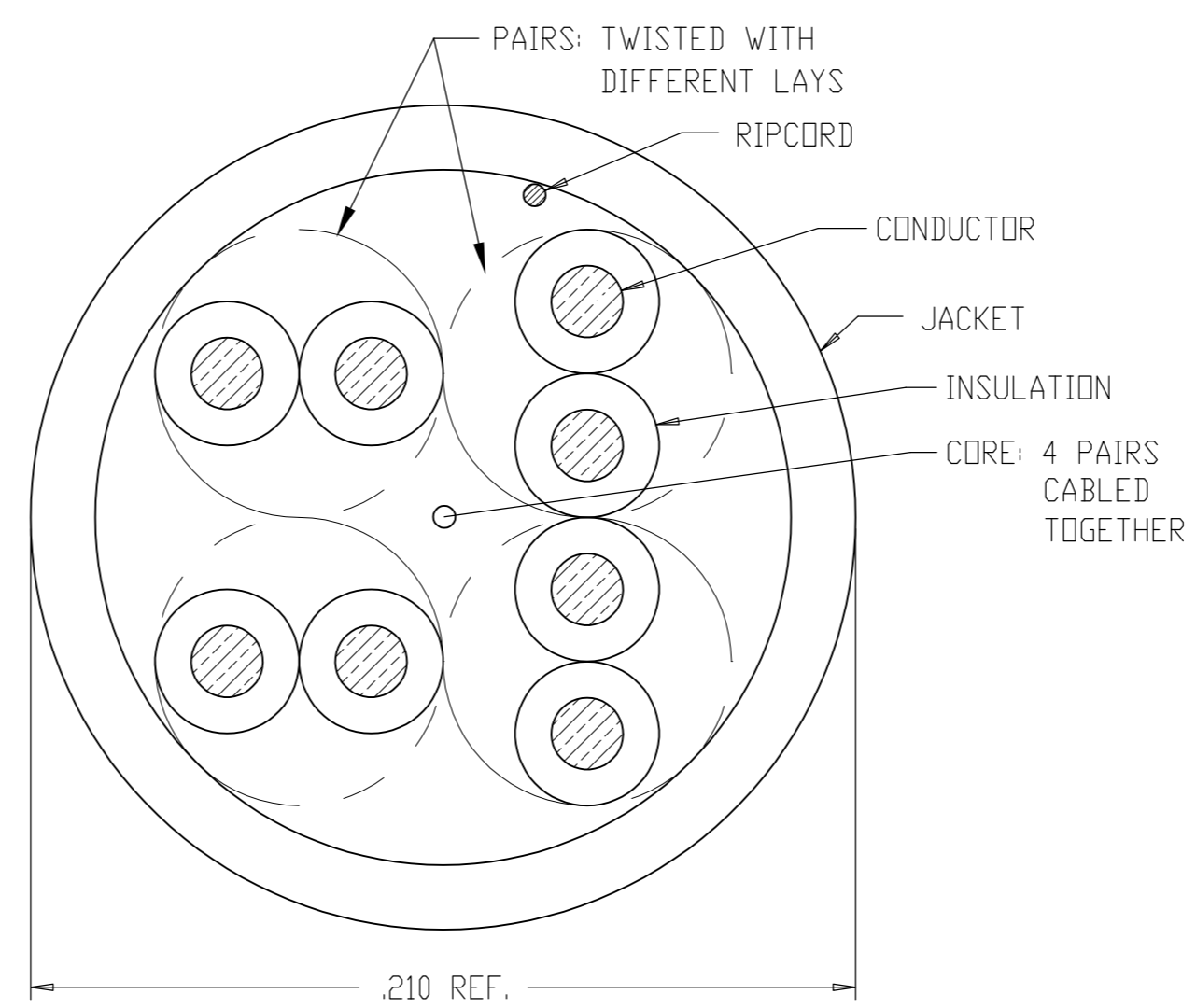
CONDUCTORS	WIRE AWG	24 AWG SOLID (ø.0201 NDM)
	MATERIAL	COPPER △6
	PLATING	BARE COPPER
	ELONGATION	15% IN 10 IN. MIN
INSULATION	MATERIAL	POLYETHYLENE △6
	THICKNESS	.006 NDM (ø.032 NDM)
JACKET	MATERIAL	FR PVC △6
	THICKNESS	.025 NDM (ø.205 REF)

ELECTRICAL REQUIREMENTS

INSULATION RESISTANCE PER AMP 109-70	500 MEGOHMS MIN/1000 FT
CONDUCTOR RESISTANCE	28.6 OHMS MAX/1000 FT

COLOR CODE

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



COLOR	LENGTH (FEET)	PACKAGE	PART NUMBER
RED	1000±2%	PULL BOX	9-219538-6
RED	3000±2%	REEL	7-219538-6
BLACK	1000±2%	REEL BOX	7-219538-1
YELLOW	1000±2%	PULL BOX	6-219538-8
YELLOW	3000±2%	REEL	6-219538-7
BLUE	1000±2%	PULL BOX	6-219538-6
BLUE	3000±2%	REEL	6-219538-5
GRAY	1000±2%	PULL BOX	6-219538-4
GRAY	3000±2%	REEL	6-219538-3
WHITE	1000±2%	PULL BOX	6-219538-2
WHITE	3000±2%	REEL	6-219538-1
RED	500-979	REEL	4-219538-6
GREEN	1000±2%	REEL BOX	1-219538-4
PINK	1000±2%	REEL BOX	1-219538-2
PINK	1000±2%	REEL	1-219538-1
ORANGE	1000±2%	PULL BOX	1-219538-0
ORANGE	1000±2%	REEL	219538-9
YELLOW	1000±2%	REEL BOX	219538-8
YELLOW	1000±2%	REEL	219538-7
BLUE	1000±2%	REEL BOX	219538-6
BLUE	1000±2%	REEL	219538-5
GRAY	1000±2%	REEL BOX	219538-4
GRAY	1000±2%	REEL	219538-3
WHITE	1000±2%	REEL BOX	219538-2
WHITE	1000±2%	REEL	219538-1

LEGEND TO BE REPEATED EVERY 24"

AMP NETCONNECT CATEGORY 5e CABLE E138034 XYYY 24AWG (UL) CMR c(UL) CMG ETL VERIFIED TO CATEGORY 5e [SEQUENTIAL #] FT ABCDE (TIME)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	18JUL02	Tyco Electronics Corporation Harrisburg, Pa., 17105-3608
DIMENSIONS: INCHES		CHK	18JUL02	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	18JUL02	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC		
MATERIAL	FINISH	APPLICATION SPEC		NAME
		WEIGHT		CABLE, NETCONNECT CAT 5e, 4 UTP, 24AWG, CMR
CUSTOMER DRAWING		SCALE	NTS	RESTRICTED TO
		SHEET	1 OF 1	