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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
G		ECR-09-017315	05NOV2009	K.L	R.C
H		ECR-09-026710	14DEC2009	K.L	R.C

### CATEGORY 5e PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (dB/100m) MAXIMUM	NEXT (dB, WORST PR)		PSNEXT (dB)		ELFEXT (dB, WORST PR)		PSELFEXT (dB)		DELAY (ns/100m) MAXIMUM	SRL (dB) MINIMUM	RL (dB) MINIMUM	IMPEDANCE (ohms)	ACR TYPICAL
		MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL					
0.772	1.8	69	76	66	70	66	71	63	68	575	23.0	19.4	100±15	74.2
1.00	2.0	67	74	64	68	64	69	61	66	570	23.0	20.0	100±15	72.0
4.00	4.1	58	65	55	59	52	57	49	54	552	23.0	23.1	100±15	60.9
8.00	5.8	54	61	51	55	46	51	43	48	547	23.0	24.5	100±15	55.2
10.00	6.5	52	59	49	53	44	49	41	46	545	23.0	25.0	100±15	52.5
16.00	8.2	49	56	46	50	40	45	37	42	543	23.0	25.0	100±15	47.8
20.00	9.3	48	55	45	49	38	43	35	40	542	23.0	25.0	100±15	45.7
25.00	10.4	46	53	43	47	36	41	33	38	541	22.0	24.3	100±15	42.6
31.25	11.7	45	52	42	46	34	39	31	36	540	21.1	23.6	100±15	40.3
62.50	17.0	40	47	37	41	28	33	25	30	539	18.1	21.5	100±15	30.0
100.00	22.0	37	44	34	38	24	29	21	26	538	16.0	20.1	100±15	22.0
155.00	28.1	34	41	31	35	20	25	17	22	537	14.1	18.8	100±15	12.9
200.00	32.4	33	40	30	34	18	23	15	20	537	13.0	18.0	100±15	7.6

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

1 SEQUENTIAL METREAGE IS NOT RETURNED TO ZERO FOR EACH LENGTH  
 SEQUENTIAL METREAGE ACCURACY TO BE ± 1%

2 JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A  
 WIRE AND CABLE LIMITS OR TYCO ELECTRONICS SUPPLIED COLOR STANDARD

3 JACKET MARKED PER UL 444.

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

5 GOVERNING SPECIFICATIONS - LATEST REVISIONS  
 EIA/TIA 568 CATEGORY 5e  
 NEC 800  
 UL 444 - CM

6 ZZZ IS VERIFICATION AGENCY.

7 INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN,  
 BROWN AND WHITE

LIGHT GREEN	305±2%	PULL BOX	8-219590-3				
RED	305±2%	PULL BOX	7-219590-6				
LIGHT BLUE	305±2%	PULL BOX	7-219590-5	YELLOW	152-298	PULL BOX	2-219590-8
GREEN	305±2%	PULL BOX	7-219590-3	BLUE	152-298	PULL BOX	2-219590-6
GLOSSY WHITE	305±2%	PULL BOX	7-219590-2	GRAY	152-298	PULL BOX	2-219590-4
PINK	305±2%	PULL BOX	7-219590-1	WHITE	152-298	PULL BOX	2-219590-2
PURPLE	305±2%	PULL BOX	6-219590-9	RED	305±2%	REEL BOX	1-219590-6
YELLOW	305±2%	PULL BOX	6-219590-8	RED	305±2%	REEL	1-219590-5
BLUE	305±2%	PULL BOX	6-219590-6	GREEN	305±2%	REEL	1-219590-3
GRAY	305±2%	PULL BOX	6-219590-4	PINK	305±2%	REEL BOX	1-219590-2
WHITE	305±2%	PULL BOX	6-219590-2	PINK	305±2%	REEL	1-219590-1
YELLOW	152-298	REEL BOX	3-219590-8	YELLOW	305±2%	REEL BOX	219590-8
YELLOW	152-298	REEL	3-219590-7	YELLOW	305±2%	REEL	219590-7
BLUE	152-298	REEL BOX	3-219590-6	BLUE	305±2%	REEL BOX	219590-6
BLUE	152-298	REEL	3-219590-5	BLUE	305±2%	REEL	219590-5
GRAY	152-298	REEL BOX	3-219590-4	GRAY	305±2%	REEL BOX	219590-4
GRAY	152-298	REEL	3-219590-3	GRAY	305±2%	REEL	219590-3
WHITE	152-298	REEL BOX	3-219590-2	WHITE	305±2%	REEL BOX	219590-2
WHITE	152-298	REEL	3-219590-1	WHITE	305±2%	REEL	219590-1
COLOR	LENGTH (METRE)	PACKAGE	PART NUMBER	COLOR	LENGTH (METRE)	PACKAGE	PART NUMBER

COLOR CODE 

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

LEGEND TO BE REPEATED EVERY METRE

( ) AMP NETCONNECT CATEGORY 5e CABLE E138034 XXYY 24AWG CM (UL) c(UL) CMG ZZZ VERIFIED TO CATEGORY 5e [SEQUENTIAL #] METRE ABCD

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	K. LEE	14DEC2009
CHK	R. CHEN	14DEC2009
APVD	R. CHEN	14DEC2009

Tyco Electronics Corporation  
 Shanghai 200233

NAME: CABLE, CAT 5E, 4 UTP, 24 AWG, CM

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C-219590

RESTRICTED TO: -

CUSTOMER DRAWING SCALE: NTS SHEET: 1 OF 1 REV: H

1471-9 (1/08)

FG098394