

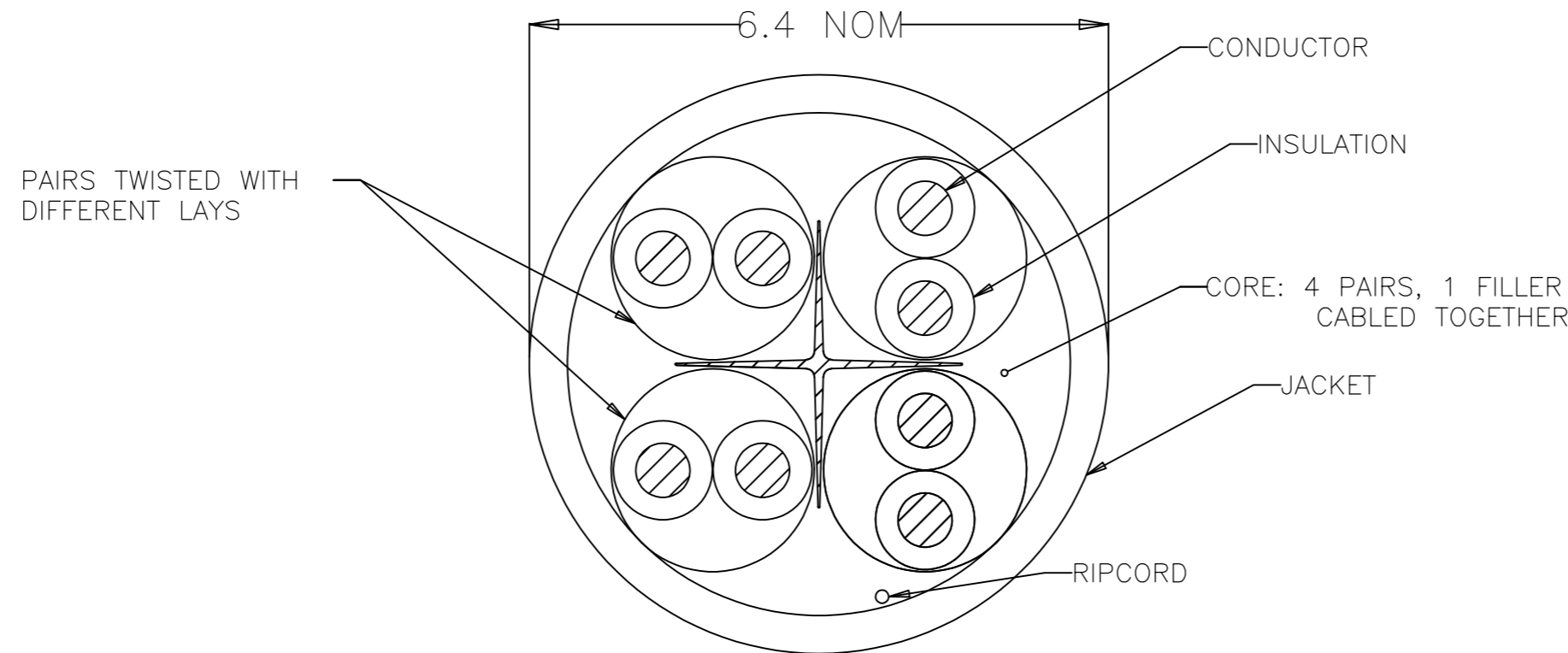
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LOC	DIST	REVISIONS					
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		G		ECR-09-015541	15JUL09	EX	RC

CATEGORY 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)	PSACR (db)
	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM		MINIMUM
0.772	1.8	79	77	70	67	-	-	100±15	77.0
1.00	2.0	77	75	68	65	570	21.5	100±15	75.1
4.00	3.8	68	66	56	53	552	24.5	100±15	64.3
8.00	5.3	64	62	50	47	547	26.0	100±15	58.2
10.00	6.0	62	60	48	45	545	26.5	100±15	56.1
16.00	7.6	59	57	44	41	543	26.5	100±15	51.5
20.00	8.5	58	56	42	39	542	26.5	100±15	49.1
25.00	9.5	56	54	40	37	541	25.8	100±15	46.6
31.25	10.7	55	53	38	35	540	25.1	100±15	44.0
62.50	15.4	50	48	32	29	539	23.0	100±15	34.8
100.00	19.8	47	45	28	25	538	21.6	100±15	27.3
155.00	25.2	44	42	24	21	537	20.3	100±15	19.1
200.00	29.0	43	41	22	19	537	19.5	100±15	13.6
250.00	32.8	41	39	20	17	536	18.8	100±15	8.3

FOR ENGINEERING PURPOSES ONLY, ALL MEASUREMENTS ARE SWEEPED OVER THE FREQUENCY RANGE OF INTEREST.

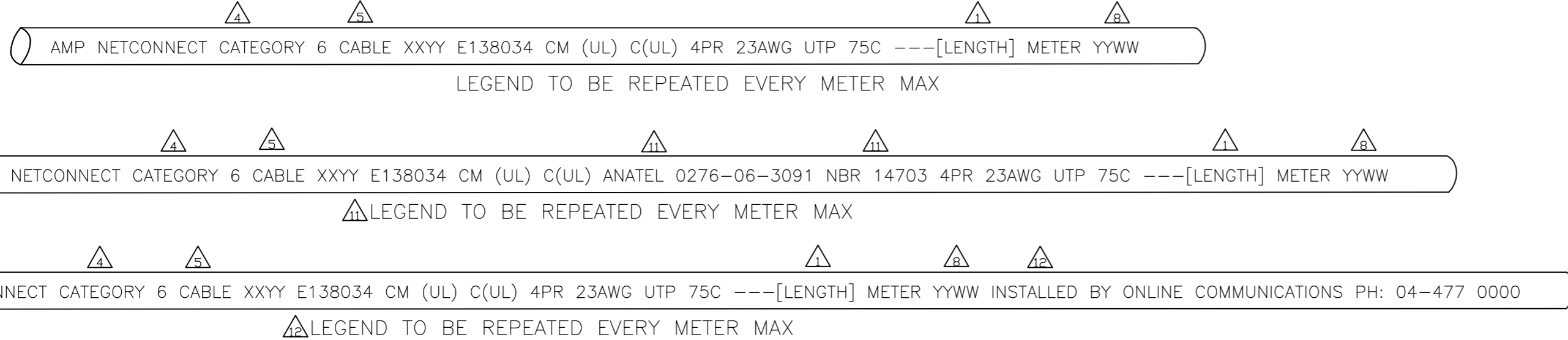


COLOR CODE
 PAIR COLOR CODE

1	WHT/BLU//BLU
2	WHT/ORG//ORG
3	WHT/GRN//GRN
4	WHT/BRN//BRN

- △ LENGTH START AT 305 METER DOWN TO 0 METER LENGTH MEASUREMENT ACCURACY TO BE ±1%
- △ MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND TIA/EIA 568B LATEST ISSUES
- 3 INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE
- △ JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR TYCO ELECTRONICS SUPPLIED COLOR STANDARD
- △ PRINT COLOR SHALL BE BLACK EXCEPT WHITE ON BLACK JACKET
- 6 PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5
- △ PACKAGE IS PROVIDED BY VENDOR AND IS REFERRED TO 107-24 AND 107-1560
- △ YYWW IS DATE CODE, YY-YEAR, WW-WEEK, EXAMPLE 0625
- 9 GOVERNING SPECIFICATIONS - LATEST REVISIONS
 TIA/EIA 568B
 NEC 800
 UL 444 - CM
- △ WHITE SINGLES HAVE BANDMARKS
- △ ONLY FOR BRAZIL MARKET, DIFFERENT LEGEND ON THE JACKET. "ANATEL 0276-06-3091" IS BRAZIL ANATEL CERTIFICATE NUMBER. "NBR 14703" IS BRAZILIAN STANDARD NUMBER FOR CABLE
- △ ONLY FOR NEWZEALAND MARKET, DIFFERENT LEGEND ON THE JACKET. "INSTALLED BY ONLINE COMMUNICATIONS PH: 04-477 0000" ADDED TO LEGEND ON THE JACKET.
- △ WHITE BACKGROUND SPECIAL BOX FOR AUSTRALIA USE.

△	BLUE	305±2%	SPEC BOX	8-1427254-6
△	BLUE	305±2%	REEL BOX	7-1427254-6
△	GRAY	305±2%	REEL BOX	7-1427254-4
△	WHITE	305±2%	REEL BOX	7-1427254-2
△	BLUE	305±2%	REEL BOX	5-1427254-6
△	GRAY	305±2%	REEL BOX	5-1427254-4
△	WHITE	305±2%	REEL BOX	5-1427254-2
	PINK	305±2%	REEL BOX	1-1427254-2
	PURPLE	305±2%	REEL BOX	1-1427254-1
	BLACK	305±2%	REEL BOX	1-1427254-0
	LIGHT BLUE	305±2%	REEL BOX	1427254-9
	LIGHT GREEN	305±2%	REEL BOX	1427254-8
	YELLOW	305±2%	REEL BOX	1427254-7
	BLUE	305±2%	REEL BOX	1427254-6
	RED	305±2%	REEL BOX	1427254-5
	GRAY	305±2%	REEL BOX	1427254-4
	GREEN	305±2%	REEL BOX	1427254-3
	WHITE	305±2%	REEL BOX	1427254-2
	ORANGE	305±2%	REEL BOX	1427254-1
	COLOR △	LENGTH (METER)	PACKAGE △	PART NUMBER



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	ERIC XU	15JUL2009	Tyco Electronics Corporation Shanghai, China			
DIMENSIONS: mm		CHK	RICKY CHEN	15JUL2009				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	RICKY CHEN	15JUL2009				
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC	NAME			CABLE, CATEGORY 6, 4UTP, 23AWG, CM		
MATERIAL	FINISH	APPLICATION SPEC	WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
- △	-	-	-		A2	00779	C=1427254	-
CUSTOMER DRAWING					SCALE	SHEET	1 OF 1	REV
								G