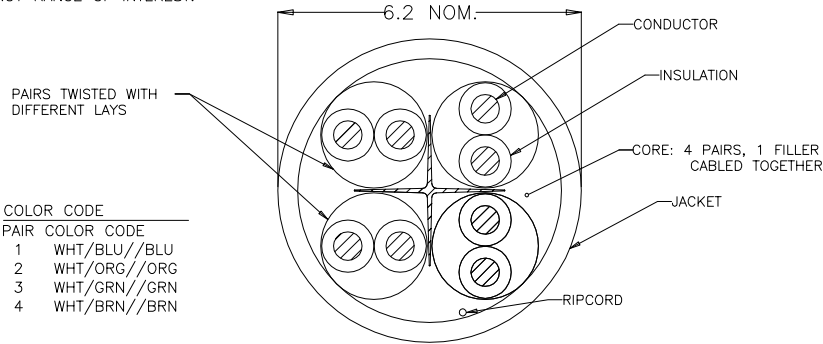


CATEGORY 6 PERFORMANCE CHARACTERISTICS

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
1.00	2.0	74.3	72.3	67.8	64.8	570	20.0	100±15	75.1
4.00	3.8	65.3	63.3	55.8	52.8	552	23.0	100±15	64.3
8.00	5.3	60.8	58.8	49.7	46.7	547	24.5	100±15	58.2
10.00	6.0	59.3	57.3	47.8	44.8	545	25.0	100±15	56.1
16.00	7.6	56.2	54.2	43.7	40.7	543	25.0	100±15	51.5
20.00	8.5	54.8	52.8	41.8	38.8	542	25.0	100±15	49.1
25.00	9.5	53.3	51.3	39.8	36.8	541	24.3	100±15	46.6
31.25	10.7	51.9	49.9	37.9	34.9	540	23.6	100±15	44.0
62.50	15.4	47.4	45.4	31.9	28.9	539	21.5	100±15	34.8
100.00	19.8	44.3	42.3	27.8	24.8	538	20.1	100±15	27.3
155.00	25.2	41.4	39.4	24.0	21.0	537	18.8	100±22	19.1
200.00	29.0	39.8	37.8	21.8	18.8	537	18.0	100±22	13.6
250.00	32.8	38.3	36.3	19.8	16.8	536	17.3	100±22	8.3

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



TE CONNECTIVITY 610 SERIES CAT6 [abcd] E138034 4PR 23AWG UTP CM (UL) C(UL) 75C [length] M YYWW [tracking number]
 LEGEND SHALL BE REPEATED EVERY METER

TE CONNECTIVITY 610 SERIES CAT6 [abcd] E138034 ANATEL 0276-06-3091 NBR 14703 4PR 23AWG UTP CM (UL) C(UL) 75C [length] M YYWW [tracking number]
 LEGEND SHALL BE REPEATED EVERY METER

TE CONNECTIVITY 610 SERIES CAT6 [abcd] E138034 INSTALLED BY ONLINE COMMUNICATIONS PH: 04-477 0000 14703 4PR 23AWG UTP CM (UL) C(UL) 75C [length] M YYWW [tracking number]
 LEGEND SHALL BE REPEATED EVERY METER

- 1 LENGTH SEQUENCE IS RETURNED TO ZERO FOR EACH LENGTH LENGTH MEASUREMENT ACCURACY TO BE ±1%
- 2 PRINT COLOR SHALL BE BLACK EXCEPT WHITE ON BLACK JACKET
- 3 PRINT DURABILITY SHALL BE PER UL 444
- 4 GOVERNING SPECIFICATIONS - LATEST REVISIONS
 TIA 568
 NEC 800
 UL 444
- 5 XX=JACKET COLOR, BL=BLUE, WT=WHITE, GY=SLATE GRAY, GN=GREEN, YL=YELLOW, OR=ORANGE, RD=RED, VT=VIOLET, BK=BLACK, PK=PINK, LB=LIGHT BLUE, LG=LIGHT GREEN. JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR TE CONNECTIVITY SUPPLIED COLOR STANDARD
- 6 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
- 7 FOR NEWZEALAND MARKET, DIFFERENT LEGEND ON THE JACKET. "INSTALLED BY ONLINE COMMUNICATIONS PH: 04-477 0000" ADDED TO LEGEND ON THE JACKET.
- 8 WHITE BACKGROUND SPECIAL BOX FOR AUSTRALIA USE.

CATALOG NUMBER	PACKAGING	MATERIAL NUMBER
TE610M-XXM2-AP	305M REEL	PER DRAWING 1859621
TE610M-WTM2-BR	305M REEL	5-1427254-2
TE610M-GYM2-BR	305M REEL	5-1427254-4
TE610M-BLM2-BR	305M REEL	5-1427254-6
TE610M-WTM2-NZ	305M REEL	7-1427254-2
TE610M-GYM2-NZ	305M REEL	7-1427254-4
TE610M-BLM2-NZ	305M REEL	7-1427254-6
TE610M-BLM2-AU	305M REEL	8-1427254-6

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CONG LI 27DEC2013	TE Connectivity
DIMENSIONS: mm		CHK RICKY CHEN 27DEC2013	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ADAM ZHU 27DEC2013	NAME CABLE, CATEGORY 6, 4UTP, 23AWG, CM
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	SIZE A2
2 PLC ± -	3 PLC ± -	APPLICATION SPEC	CAGE CODE 00779
4 PLC ± -	ANGLES ± -	FINISH	DRAWING NO 1427254
MATERIAL			RESTRICTED TO
CUSTOMER DRAWING		SCALE	SHEET 1 of 1
		REV	H