

REVISIONS				
#	LR	DESCRIPTION	DATE	DRW APPD
N		ECN:8000017127 Change logo.	13JAN2017	RL GW

CATEGORY 5e PERFORMANCE CHARACTERISTICS

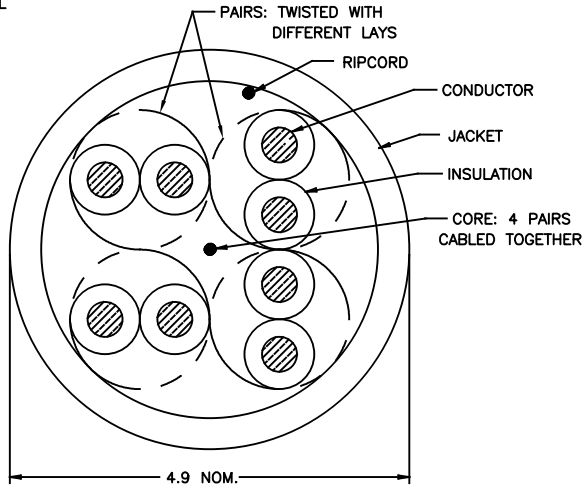
FREQUENCY (MHz)	ATTENUATION (dB/100m)			NEXT (dB, WORST PR)			PSNEXT (dB)			ELFEXT (dB, WORST PR)		PSELFEXT (dB)		DELAY (ns/100m)	SRL (dB)	RL (dB)	IMPEDANCE (ohms)	ACR
	MAXIMUM	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MAXIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM	MINIMUM	TYPICAL		
0.772	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				

- △ LENGTH SEQUENCE IS RETURNED TO ZERO FOR EACH LENGTH MEASUREMENT ACCURACY TO BE ±1%
- △ PRINT COLOR SHALL BE BLACK, EXCEPT WHITE ON BLACK JACKET
- △ PRINT DURABILITY SHALL BE PER UL 444
- 4 GOVERNING SPECIFICATIONS – LATEST REVISIONS
TIA 568
NEC 800
UL 444
- △ JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR COMMSCOPE SUPPLIED COLOR STANDARD
- △ ONLY FOR BRAZIL MARKET, DIFFERENT LEGEND ON THE JACKET. "ANATEL 0915-16-2925" IS BRAZIL ANATEL CERTIFICATE NUMBER. "NBR 14703" IS BRAZILIAN STANDARD NUMBER FOR CABLE.
- △ * – UL MULTIPLE LISTING IDENTIFIER.

IAW EIA/TIA 568, LATEST ISSUE, 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



△	YELLOW	REELEX	305±1%	5-219590-8
△	RED	REELEX	305±1%	5-219590-7
△	BLUE	REELEX	305±1%	5-219590-6
△	ORANGE	REELEX	305±1%	5-219590-5
△	GRAY	REELEX	305±1%	5-219590-4
△	GREEN	REELEX	305±1%	5-219590-3
△	WHITE	REELEX	305±1%	5-219590-2
△	BLACK	REELEX	305±1%	5-219590-1
	RED	REELEX	305±1%	7-219590-6
	GREEN	REELEX	305±1%	7-219590-3
	GLWT	REELEX	305±1%	7-219590-2
	YELLOW	REELEX	305±1%	6-219590-8
	BLUE	REELEX	305±1%	6-219590-6
	GRAY	REELEX	305±1%	6-219590-4
	WHITE	REELEX	305±1%	6-219590-2
	BLUE	REELEX	305±1%	219590-6
	GRAY	REELEX	305±1%	219590-4
	COLOR △	PACKAGE	LENGTH(M)	PART NUMBER

COMMSCOPE * CATEGORY 5E ABCDE E98256 4PR 24AWG UTP CM (UL) XXX Verified to ANSI/TIA-568-C.2 Category 5e 75C [length] M YYWW [tracking number]

LEGEND SHALL BE REPEATED EVERY METER

COMMSCOPE * CATEGORY 5E ABCDE E98256 4PR 24AWG UTP CM (UL) XXX Verified to ANSI/TIA-568-C.2 Category 5e 75C ANATEL 0915-16-2925 NBR 14703 --- [length] M YYWW [tracking number]

LEGEND SHALL BE REPEATED EVERY METER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM: R.LI 02JAN2016
 DW: F.ZHANG 02JAN2016
 APD: W.FAN 02JAN2016
 PRODUCT SPEC: ---
 APPLICATION SPEC: ---
 MATERIAL: -△ FINISH: -

COMMSCOPE, INC.
 CABLE, CAT 5E, 4 UTP, 24 AWG, CM

SIZE: A2 GAGE CODE: 00779 DRAWING NO: C-219590 RESTRICTED TO: ---
 WEIGHT: --- CUSTOMER DRAWING: --- SCALE: --- SHEET: 1 of 1 REV: N

219590