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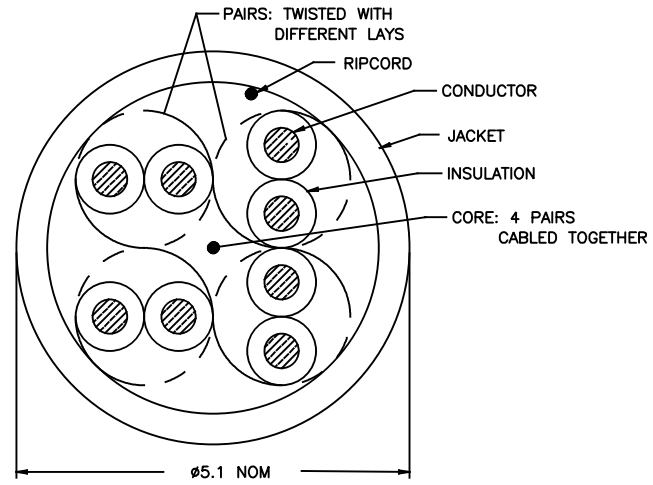
REVISIONS					
#	LN#	DESCRIPTION	DATE	DRW	APPD
B		ECH:8000018320. Change printing.	19DEC2016	R.L	G.W

ENHANCED 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	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL			MINIMUM	MINIMUM	MINIMUM		TYPICAL	
0.772	1.8	72	81	69	77	66	73	63	70	-	23.0	-	-	100±15	70.2	79.2	
1.00	2.0	70	79	67	75	64	71	61	68	570	23.0	20.0	28.0	100±15	68.3	77.3	
4.00	4.1	61	70	58	66	52	59	49	56	552	23.0	23.1	31.0	100±15	57.2	66.2	
8.00	5.8	57	66	54	62	46	53	43	50	547	23.0	24.5	32.5	100±15	51.0	60.0	
10.00	6.5	55	64	52	60	44	51	41	48	545	23.0	25.0	33.0	100±15	48.8	57.8	
16.00	8.2	52	61	49	57	40	47	37	44	543	23.0	25.0	33.0	100±15	44.0	53.0	
20.00	9.3	51	60	48	56	38	45	35	42	542	23.0	25.0	33.0	100±15	41.5	50.5	
25.00	10.4	49	58	46	54	36	43	33	40	541	22.0	24.3	32.3	100±15	38.9	47.9	
31.25	11.7	48	57	45	53	34	41	31	38	540	21.1	23.6	31.6	100±15	36.2	45.2	
62.50	17.0	43	52	40	48	28	35	25	32	539	18.1	21.5	29.5	100±15	26.4	35.4	
100.00	22.0	40	49	37	45	24	31	21	28	538	16.0	20.1	28.1	100±15	18.3	27.3	
155.00	28.1	37	46	34	42	20	27	17	24	537	14.1	18.8	26.8	100±15	9.4	18.4	
200.00	32.4	36	45	33	41	18	25	15	22	537	13.0	18.0	26.0	100±15	3.4	12.4	

- △ LENGTH SEQUENCE IS RETURNED TO ZERO FOR EACH LENGTH MEASUREMENT ACCURACY TO BE ±1%
- △ MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND TIA 568 LATEST ISSUES.
- △ PRINT COLOR SHALL BE BLACK EXCEPT WHITE ON BLACK JACKET
- △ PRINT DURABILITY SHALL BE PER UL 444
- 5. GOVERNING SPECIFICATIONS – LATEST REVISIONS
 TIA 568
 NEC 800
 UL 444
- △ * – UL MULTIPLE LISTING IDENTIFIER.

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



△ △ △
 COMMSCOPE * CATEGORY 5E ABCDE E98256 4PR 24AWG U/UTP CM (UL) 75C [length] METER YYWW [tracking number]
 LEGEND SHALL BE REPEATED EVERY METER

PINK	100±1%	PULL BOX	6-1859632-9
YELLOW	100±1%	PULL BOX	6-1859632-8
RED	100±1%	PULL BOX	6-1859632-7
BLUE	100±1%	PULL BOX	6-1859632-6
ORANGE	100±1%	PULL BOX	6-1859632-5
GRAY	100±1%	PULL BOX	6-1859632-4
GREEN	100±1%	PULL BOX	6-1859632-3
WHITE	100±1%	PULL BOX	6-1859632-2
BLACK	100±1%	PULL BOX	6-1859632-1
COLOR	LENGTH (METER)	PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DRW: CONG LI 27/AUG/2013	COMMSCOPE, INC.		
GR: ZOHAR ZHANG 27/AUG/2013	CABLE, CAT 5E, 4 UTP, 24AWG, CM		
APPD: ADAM ZHU 27/AUG/2013	SIZE: A2	DATE CODE: 00779	DRAWING NO: C=1859632
PRODUCT SPEC: -	RESTRICTED TO: -	SCALE: -	SHEET: 1 of 1
APPLICATION SPEC: -	REV: B	CUSTOMER DRAWING	

1859632