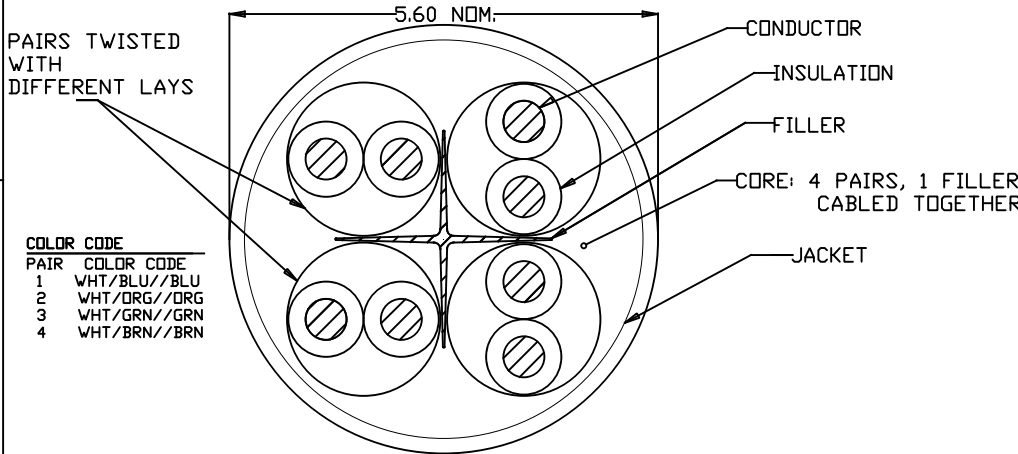


REVISIONS			
REV	DATE	BY	APPD
K	18MAY2017	R.L	G.W

CATEGORY 6 PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (db/100m)		NEXT (db, WDRST PR)		PSNEXT (db)		ELFEXT (db, WDRST PR)		PSELFEXT (db)		DELAY (ns/100m)		RL (db)		IMPEDANCE Zo(ohms)		ACR (db)	
	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM		
1	2.0	74.3	72.3	67.8	64.8	570	20.0	100±15	72.3									
4	3.8	65.3	63.3	55.8	52.8	552	23.0	100±15	61.5									
8	5.3	60.8	58.8	49.7	46.7	547	24.5	100±15	55.5									
10	6.0	59.3	57.3	47.8	44.8	545	25.0	100±15	53.3									
16	7.6	56.2	54.2	43.7	40.7	543	25.0	100±15	48.7									
20	8.5	54.8	52.8	41.8	38.8	542	25.0	100±15	46.3									
25	9.5	53.3	51.4	39.8	36.8	541	24.3	100±15	43.9									
31.25	10.7	51.9	49.9	37.9	34.9	540	23.6	100±15	41.2									
62.5	15.4	47.4	45.4	31.9	28.9	539	21.5	100±15	32.0									
100	19.8	44.3	42.3	27.8	24.8	538	20.1	100±15	24.5									
200	29.0	39.8	37.8	21.8	18.8	537	18.0	100±15	10.8									
250	32.8	38.3	36.4	19.8	16.8	536	17.3	100±15	5.6									

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



- △ 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 UL 444
NEC 800
- △ JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR COMMSCOPE SUPPLIED COLOR STANDARD
- △ FOR BRAZIL MARKET, DIFFERENT LEGEND ON THE JACKET.
"ANATEL 00913-16-02925" IS BRAZIL ANATEL CERTIFICATE NUMBER.
"NBR 14703" IS BRAZILIAN STANDARD NUMBER FOR CABLE
- △ * - UL MULTIPLE LISTING IDENTIFIER.
- △ ONLY FOR INTERNAL PRINT.

COLOR	REEL	REEL IN-BOX	LENGTH(M)	PART NUMBER
PINK	REELEX	305±1%	7-1427071-9	△
YELLOW	REELEX	305±1%	7-1427071-8	△
RED	REELEX	305±1%	7-1427071-7	△
BLUE	REELEX	305±1%	7-1427071-6	△
ORANGE	REELEX	305±1%	7-1427071-5	△
GRAY	REELEX	305±1%	7-1427071-4	△
GREEN	REELEX	305±1%	7-1427071-3	△
WHITE	REELEX	305±1%	7-1427071-2	△
BLACK	REELEX	305±1%	7-1427071-1	△
VIOLET	REELEX	305±1%	7-1427071-0	△
COLOR	PACKAGE	LENGTH(M)	PART NUMBER	
PINK	REE-IN-BOX	305±1%	1427071-9	
YELLOW	REE-IN-BOX	305±1%	1427071-8	
RED	REE-IN-BOX	305±1%	1427071-7	
BLUE	REE-IN-BOX	305±1%	1427071-6	
ORANGE	REE-IN-BOX	305±1%	1427071-5	
GRAY	REE-IN-BOX	305±1%	1427071-4	
GREEN	REE-IN-BOX	305±1%	1427071-3	
WHITE	REE-IN-BOX	305±1%	1427071-2	
BLACK	REE-IN-BOX	305±1%	1427071-1	
BLUE	REEL	1000±1%	6-1427071-6	
GRAY	REEL	500±1%	4-1427071-4	
YELLOW	REEL-IN-BOX	305±1%	9-1427071-8	
RED	REEL-IN-BOX	305±1%	9-1427071-7	
BLUE	REEL-IN-BOX	305±1%	9-1427071-6	
GRAY	REEL-IN-BOX	305±1%	9-1427071-4	
GREEN	REEL-IN-BOX	305±1%	9-1427071-3	
WHITE	REEL-IN-BOX	305±1%	9-1427071-2	
VIOLET	REEL-IN-BOX	305±1%	9-1427071-0	
RED	REEL-IN-BOX	305±1%	5-1427071-7	△
BLUE	REEL-IN-BOX	305±1%	5-1427071-6	△
GRAY	REEL-IN-BOX	305±1%	5-1427071-4	△
WHITE	REEL-IN-BOX	305±1%	5-1427071-2	△
COLOR	PACKAGE	LENGTH(M)	PART NUMBER	

△ COMMSCOPE * AMP NETCONNECT CAT6 ABCDE E98256 ANATEL 00913-16-02925 NBR 14703 4PR 24AWG U/UTP CM (UL) (CUL) 75C [length] M YYWW [tracking number]
 LEGEND SHALL BE REPEATED EVERY METER

△ COMMSCOPE C AMP NETCONNECT CAT6 518579 4PR 24AWG U/UTP (C)ETL:US CM 75C YYWW [tracking number] [length] FT (xxxx.xM)
 LEGEND SHALL BE REPEATED EVERY 2 FEET (INTERNAL PRINT)△

△ COMMSCOPE * AMP NETCONNECT CAT6 ABCDE E98256 4PR 24AWG U/UTP CM (UL) (CUL) 75C [length] M YYWW [tracking number]
 LEGEND SHALL BE REPEATED EVERY METER (OUTSIDE VENDORS PRINT)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TO FURNISH UNLESS OTHERWISE SPECIFIED:	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES ±	FINISH

MATERIAL: -△

COMMSCOPE, INC.
 CABLE, CAT6, 4PR, U/UTP, 24AWG, CM

SIZE: A2 DATE CODE: 00779 DRAWING NO: C=1427071 RESTRICTED TO: -

WEIGHT: -

CUSTOMER DRAWING SCALE: - SHEET: 1 of 1 REV: K