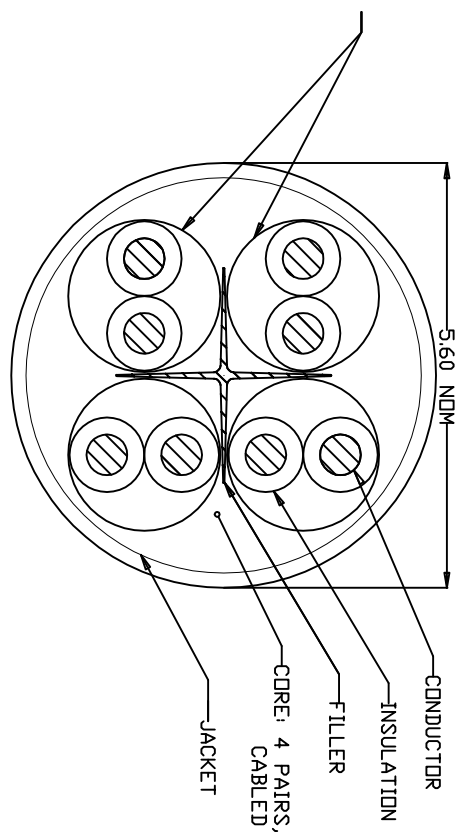


**CATEGORY 6 PERFORMANCE CHARACTERISTICS**

FREQUENCY (MHz)	ATTENUATION (dB/100m)		NEXT (dB, WDRST PR)		PSNEXT (dB)		ELFEXT (dB, WDRST PR)		PSELFEXT (dB)		DELAY (ns/100m)		RL (dB)		IMPEDANCE (Z0(ohms))		ACR (dB)		
	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	
1	2.0	74.3	72.3	67.8	72.3	67.8	64.8	57.0	20.0	100±15	72.3	2.0	100±15	72.3	2.0	100±15	72.3	2.0	100±15
4	3.8	65.3	63.3	55.8	52.8	52.8	46.7	46.7	46.7	46.7	55.5	5.3	100±15	55.5	5.3	100±15	55.5	5.3	100±15
8	5.3	60.8	58.8	49.7	44.8	44.8	40.7	40.7	40.7	40.7	53.3	10.0	100±15	53.3	10.0	100±15	53.3	10.0	100±15
16	7.6	56.2	54.2	43.7	40.7	40.7	36.8	36.8	36.8	36.8	48.7	20.0	100±15	48.7	20.0	100±15	48.7	20.0	100±15
20	8.5	54.8	52.8	41.8	38.8	38.8	34.9	34.9	34.9	34.9	46.3	25.0	100±15	46.3	25.0	100±15	46.3	25.0	100±15
25	9.5	53.3	51.4	39.8	36.8	36.8	32.0	32.0	32.0	32.0	43.9	30.0	100±15	43.9	30.0	100±15	43.9	30.0	100±15
31.25	10.7	51.9	49.9	37.9	34.9	34.9	30.0	30.0	30.0	30.0	41.2	35.0	100±15	41.2	35.0	100±15	41.2	35.0	100±15
62.5	15.4	47.4	45.4	31.9	28.9	28.9	24.0	24.0	24.0	24.0	32.0	40.0	100±15	32.0	40.0	100±15	32.0	40.0	100±15
100	19.8	44.3	42.3	27.8	24.8	24.8	20.0	20.0	20.0	20.0	24.5	45.0	100±15	24.5	45.0	100±15	24.5	45.0	100±15
200	29.0	39.8	37.8	21.8	18.8	18.8	14.0	14.0	14.0	14.0	18.0	50.0	100±15	18.0	50.0	100±15	18.0	50.0	100±15
250	32.8	38.3	36.4	19.8	16.8	16.8	12.0	12.0	12.0	12.0	17.3	55.0	100±15	17.3	55.0	100±15	17.3	55.0	100±15

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



- COLOR CODE**
- 1 WHI/BLU//BLU
  - 2 WHI/DRG//DRG
  - 3 WHI/GRN//GRN
  - 4 WHI/BRN//BRN

COMMSCOPE \* AMP NETCONNECT CATEGORY6 ABCDE E99256 APR 24AWG U/UTP CM (U) C(U) 75C --- [LENGTH] METER YWW [tracking number]

LEGEND TO BE REPEATED EVERY METER

- 1. LENGTH START AT 305 METER DOWN TO 0 METER
  - 2. LENGTH MEASUREMENT ACCURACY TO BE ±1%
  - 3. INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE
  - 4. JACKET COLOR SHALL BE IN ACCORDANCE WITH EA-359-A WIRE AND CABLE LIMITS OR COMMSCOPE SUPPLIED COLOR STANDARD
  - 5. PRINT COLOR SHALL BE BLACK EXCEPT WHITE ON THE BLACK JACKET
  - 6. PRINT DURABILITY SHALL BE PER UL 444
  - 7. YWW IS DATE CODE, YY-YEAR, WW-WEEK
- TIA 568  
NEC 800  
UL 444
- \* - UL MULTIPLE LISTING IDENTIFIER.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE: 23SEP2015	REV: 1	DESCRIPTION: CABLE, CAT6, U/UTP 4PR, 24AWG, CM
DATE: 23SEP2015	REV: 1	DESCRIPTION: CABLE, CAT6, U/UTP 4PR, 24AWG, CM
DATE: 23SEP2015	REV: 1	DESCRIPTION: CABLE, CAT6, U/UTP 4PR, 24AWG, CM

COMMSCOPE, INC.

SIZE: A2 00779

SCALE: 1 OF 1

COLOR	LENGTH (METER)	PACKAGE	PART NUMBER
YELLOW	305±1%	REEL BOX	1859620-8
RED	305±1%	REEL BOX	1859620-7
BLUE	305±1%	REEL BOX	1859620-6
ORANGE	305±1%	REEL BOX	1859620-5
GRAY	305±1%	REEL BOX	1859620-4
GREEN	305±1%	REEL BOX	1859620-3
WHITE	305±1%	REEL BOX	1859620-2
BLACK	305±1%	REEL BOX	1859620-1