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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
B		40057917CMO	15JAN2018	R.L G.W

FINISHED WIRE DATA

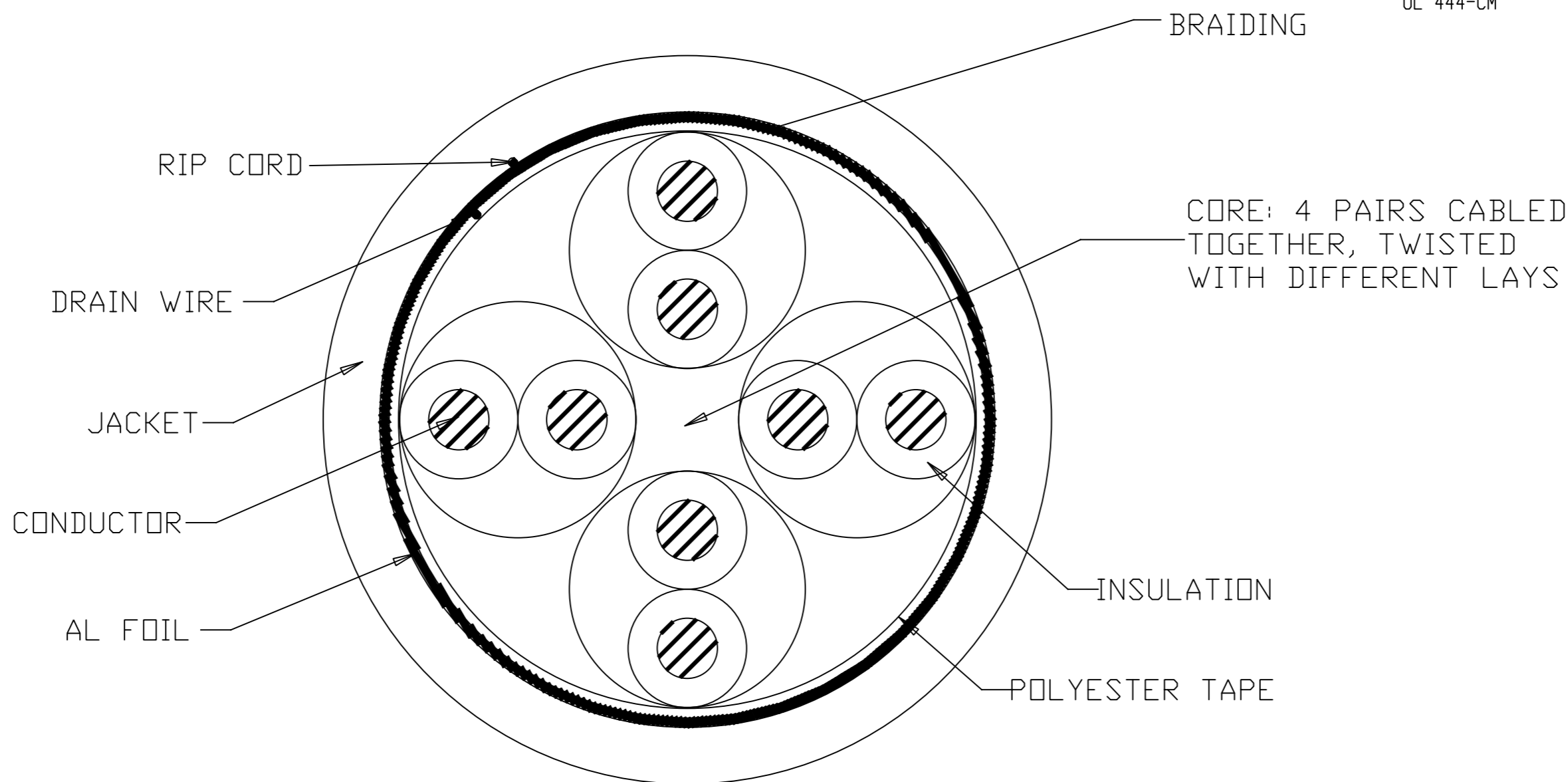
CONDUCTORS	WIRE AWG	24 AWG (Ø.511 NOM.)	
	MATERIAL	SOLID BARE COPPER	5
INSULATION	MATERIAL	PE	5
	THICKNESS	0.22 NOM (Ø1.04 NOM.)	
DRAIN WIRE	MATERIAL	TINNED COPPER	5
SHIELD	MATERIAL	AL-FOIL	5
BRAIDING	MATERIAL	BARE/TINNED COPPER	5
JACKET	MATERIAL	PVC	5
	THICKNESS	0.57 NOM. (Ø7.0 NOM)	

TRANSMISSION CHARACTERISTICS

FREQUENCY MHz	RETURN LOSS (dB)	ATTENUATION (dB/100M)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	ACR	DELAY (ns/100M)	IMPEDANCE (ohms)
1	20.0	2.0	65.3	62.3	63.8	60.8	63	570.0	100±15
4	23.0	4.1	56.3	53.3	51.7	48.7	52	552.0	100±15
8	24.5	5.8	51.8	48.8	45.7	42.7	46	546.7	100±15
10	25.0	6.5	50.3	47.3	43.8	40.8	44	545.4	100±15
16	25.0	8.2	47.3	44.3	39.7	36.7	39	543.0	100±15
20	25.0	9.3	45.8	42.8	37.7	34.7	37	542.0	100±15
25	24.3	10.4	44.3	41.3	35.8	32.8	34	541.2	100±15
31.25	23.6	11.7	42.9	39.9	33.9	30.9	31	540.4	100±15
62.5	21.5	17.0	38.4	35.4	27.8	24.8	21	538.6	100±15
100	20.1	22.0	35.3	32.3	23.8	20.8	13	537.6	100±15

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

COLOR CODE \triangle_6
 PAIR COLOR CODE
 1 WHITE-BLUE//BLUE
 2 WHITE-ORANGE//ORANGE
 3 WHITE-GREEN//GREEN
 4 WHITE-BROWN//BROWN



- \triangle_1 ABCDE - SUPPLIER NUMBER.
- \triangle_2 * - UL MULTIPLE LISTING IDENTIFIER.
- \triangle_3 SEQUENTIAL FOOTAGE IS NOT RETURNED TO ZERO FOR EACH LENGTH SEQUENTIAL FOOTAGE ACCURACY TO BE ±1%.
- \triangle_4 E98256 IS COMMSCOPE'S MULTIPLE LISTING NUMBER. VENDOR MUST APPEAR IN COMMSCOPE'S MULTIPLE LISTING.
- \triangle_5 MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND 108-1764 LATEST ISSUES.
- \triangle_6 INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE.
- \triangle_7 JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR COMMSCOPE SUPPLIED COLOR STANDARD.
- \triangle_8 PRINT COLOR SHALL BE BLACK OR BLUE EXCEPT WHITE ON BLACK JACKET.
- \triangle_9 PRINT DURABILITY SHALL BE PER UL 444 RELATED SECTIONS.
- \triangle_{10} PACKAGE IN ACCORDANCE WITH COMMSCOPE SPECIFICATIONS 107-24 AND 107-1560
- \triangle_{11} YYWW IS DATE CODE - YY YEAR
 WW - WEEK
 EXAMPLE 9513
- 12. GOVERNING SPECIFICATIONS - LATEST REVISIONS
 TIA-568-C.2
 NEC 800
 UL 444-CM

\triangle_2 \triangle_1 \triangle_4 \triangle_8 \triangle_9 \triangle_3 \triangle_{11}
 COMMSCOPE * CAT5E ABCDE E98256 4PR 24AWG SFTP (UL) CM 75C XXXXX FT YYWW [tracking number]
 LEGEND TO BE REPEATED EVERY 24" MAX

BLACK	1000±2%	REEL	2-1427227-1
GRAY	1000±2%	REEL	1427227-3
WHITE	1000±2%	REEL	1427227-1
COLOR \triangle_7	LENGTH (FEET)	PACKAGE \triangle_{10}	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JOE NG	01FEB2002	COMMSCOPE, INC.			
DIMENSIONS: mm		CHK	JIMMY NG	01FEB2002				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	JIMMY NG	01FEB2002	NAME			
0 PLC ± -		PRODUCT SPEC			CABLE, CAT5E, SFTP 24AWG, CM			
1 PLC ± -		APPLICATION SPEC			-			
2 PLC ± -		SIZE	A2	CAGE CODE	00779	DRAWING NO	C=1427227	RESTRICTED TO
3 PLC ± -		WEIGHT	-	SCALE		SHEET 1 of 1		REV B
4 PLC ± -		CUSTOMER DRAWING						
ANGLES ± -								
FINISH								

1427227