

REVISIONS					
P	LR	DESCRIPTION	DATE	DRN	APPD
E		40030547MCO	23MAY2016	RL	GW

CATEGORY 3 PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (dB/100m)		SRL (dB)	CHARACTERISTIC IMPEDANCE (Ω)
	MAXIMUM	MINIMUM	MINIMUM	
0.772	2.2	43	NA	NA
1.0	2.6	41	12	100±15
4.0	5.6	32	12	100±15
8.0	8.5	28	12	100±15
10.0	9.7	26	12	100±15
16.0	13.1	23	10	100±15

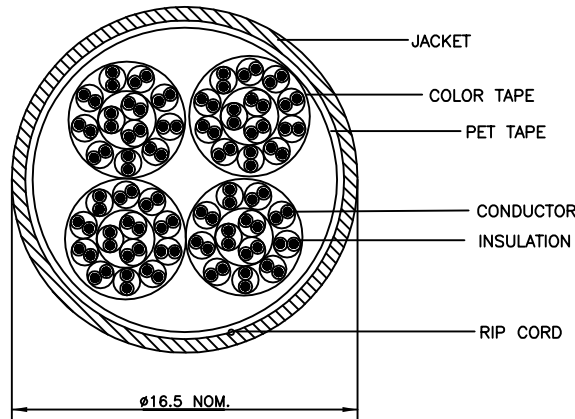
FOR ENGINEERING PURPOSES ONLY, ALL MEASUREMENTS ARE SWEEPED OVER THE FREQUENCY RANGE OF INTEREST.

INSULATION COLORS

13 PAIR UNIT	12 PAIR UNIT
BLUE, WHITE/BLUE	BROWN, BLACK/BROWN
ORANGE, WHITE/ORANGE	GRAY, BLACK/GRAY
GREEN, WHITE/GREEN	BLUE, YELLOW/BLUE
BROWN, WHITE/BROWN	ORANGE, YELLOW/ORANGE
GRAY, WHITE/GRAY	GREEN, YELLOW/GREEN
BLUE, RED/BLUE	BROWN, YELLOW/BROWN
ORANGE, RED/ORANGE	GRAY, YELLOW/GRAY
GREEN, RED/GREEN	BLUE, VIOLET/BLUE
BROWN, RED/BROWN	ORANGE, VIOLET/ORANGE
GRAY, RED/GRAY	GREEN, VIOLET/GREEN
BLUE, BLACK/BLUE	BROWN, VIOLET/BROWN
ORANGE, BLACK/ORANGE	GRAY, VIOLET/GRAY
GREEN, BLACK/GREEN	

COLOR TAPE

BLUE	BLUE	ORANGE	ORANGE
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- △ 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
- △ JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR COMMSCOPE SUPPLIED COLOR STANDARD

GRAY	REEL	1000±1%	9-1427250-3
GRAY	REEL	500±1%	9-1427250-2
GRAY	REEL	305±1%	9-1427250-1
COLOR △	PACKAGE △	LENGTH(M)	PART NUMBER

△ △ △  
 COMMSCOPE CATEGORY3 [abcd] 50PR 24AWG UTP LSZH 75C [length] METER YYWW [tracking number]

LEGEND SHALL BE REPEATED EVERY METER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN E.LI 23MAY2016	COMMSCOPE, INC.	
DIMENSIONS: mm		CR M.DONG 23MAY2016	NAME CABLE, CAT3, 50UTP, LSZH	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APD G.WANG 23MAY2016	PRODUCT SPEC -	
0 PLC ± -		APPLICATION SPEC -		
1 PLC ± -		SIZE A2		
2 PLC ± -		CAGE CODE 00779		
3 PLC ± -		DRAWING NO C-1427250		
4 PLC ± -		RESTRICTED TO -		
ANGLES FINISH		SCALE -		
MATERIAL - △		SHEET 1 of 1		
CUSTOMER DRAWING		REV E		

1427250

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