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LOCESDIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	S	ECR-11-016761	11AUG2011	JC	AZ

CATEGORY 6 PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (db/100m)	NEXT (db, WORST PR)	PSNEXT (db)	ELFEXT (db, WORST PR)	PSELFEXT (db)	DELAY (ns/100m)	RL (db)	IMPEDANCE (ohms)	PSACR (db)
	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM		MINIMUM
0.772	1.8	79	77	70	67	-	-	100±15	77.0
1.00	2.0	77	75	68	65	570	21.5	100±15	75.1
4.00	3.8	68	66	56	53	552	24.5	100±15	64.3
8.00	5.3	64	62	50	47	547	26.0	100±15	58.2
10.00	6.0	62	60	48	45	545	26.5	100±15	56.1
16.00	7.6	59	57	44	41	543	26.5	100±15	51.5
20.00	8.5	58	56	42	39	542	26.5	100±15	49.1
25.00	9.5	56	54	40	37	541	25.8	100±15	46.6
31.25	10.7	55	53	38	35	540	25.1	100±15	44.0
62.50	15.4	50	48	32	29	539	23.0	100±15	34.8
100.00	19.8	47	45	28	25	538	21.6	100±15	27.3
155.00	25.2	44	42	24	21	537	20.3	100±15	19.1
200.00	29.0	43	41	22	19	537	19.5	100±15	13.6
250.00	32.8	41	39	20	17	536	18.8	100±15	8.3
300.00	36.6	40	38	18	15	535	18.3	100±15	3.5

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

LENGTH START AT 1000 FT DOWN TO 0 FT
LENGTH MEASUREMENT ACCURACY TO BE ±1%

MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND 108-1764 LATEST ISSUES

INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE

JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR TE CONNECTIVITY SUPPLIED COLOR STANDARD

PRINT COLOR SHALL BE BLACK

PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5

PACKAGE IS PROVIDED BY VENDOR AND IS REFERRED TO 107-24 AND 107-1560

YYWW IS DATE CODE, YY-YEAR, WW-WEEK

GOVERNING SPECIFICATIONS - LATEST REVISIONS
AMP 108-1764
NEC 800
UL 444 - CMR

WHITE SINGLES HAVE BANDMARKS

FOR THE COUNTRY WHICH USE SAP SYSTEM

ONLY FOR BRAZIL MARKET

PAIRS TWISTED WITH DIFFERENT LAYS

CONDUCTOR

INSULATION

CORE: 4 PAIRS, 1 FILLER CABLED TOGETHER

JACKET

RIPCORDER

COLOR CODE

PAIR COLOR CODE

1 WHT/BLU//BLU

2 WHT/ORG//ORG

3 WHT/GRN//GRN

4 WHT/BRN//BRN

AMP NETCONNECT CATEGORY 6 CABLE XYYY E138034 CMR (UL) C(UL) 4PR 23AWG UTP 75C VERIFIED ETL CATEGORY 6 ---[LENGTH] FT YYWW

LEGEND TO BE REPEATED EVERY TWO FEET MAX

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN JESSIE CHEN 11AUG2011	TE Connectivity	
DIMENSIONS: mm	CHK RICKY CHEN 11AUG2011	NAME	
	APVD ADAM ZHU 11AUG2011	CABLE,CATEGORY 6,4UTP,23AWG,CMR	
	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	APPLICATION SPEC	A2 00779 C-1427200	
MATERIAL -	WEIGHT -	CUSTOMER DRAWING	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SCALE SHEET 1 OF 1 REV S	
0 PLC ± -			
1 PLC ± -			
2 PLC ± -			
3 PLC ± -			
4 PLC ± -			
ANGLES ± -			
FINISH -			

1427200

1427200-8

1427200-7

1427200-6

1427200-5

1427200-4

1427200-3

1427200-2

6-1427200-8

6-1427200-7

6-1427200-6

6-1427200-5

6-1427200-4

6-1427200-3

6-1427200-2

5-1427200-6

5-1427200-4

5-1427200-2

COLOR

LENGTH (FT)

PACKAGE

PART NUMBER

1471-9 (3/11)