

4

3

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RELEASED FOR PUBLICATION

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LOCES

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	ECR-11-010292	17MAY11	JC	RC

CATEGORY5E 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)	ACR (db)
	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM		MINIMUM
0.772	1.8	67.0	64.0	66.0	63.0	-	19.4	100±15	65.2
1.00	2.0	65.3	62.3	63.8	60.8	570	20.0	100±15	63.3
4.00	4.1	56.3	53.3	51.7	48.7	552	23.0	100±15	52.2
8.00	5.8	51.8	48.8	45.7	42.7	547	25.0	100±15	46.0
10.00	6.5	50.3	47.3	43.8	40.8	545	25.0	100±15	43.8
16.00	8.2	47.3	44.3	39.7	36.7	543	25.0	100±15	39.0
20.00	9.3	45.8	42.8	37.7	34.7	542	25.0	100±15	36.5
25.00	10.4	44.3	41.3	35.8	32.8	541	24.3	100±15	33.9
31.25	11.7	42.9	39.9	33.9	30.9	540	23.6	100±15	31.2
62.50	17.0	38.4	35.4	27.8	24.8	539	21.5	100±15	21.4
100.00	22.0	35.3	32.3	23.8	20.8	538	20.1	100±15	13.3

PAIRS TWISTED WITH DIFFERENT LAYS

4.8mm

CONDUCTOR

INSULATION

CORE: 4 PAIRS CABLED TOGETHER

JACKET

RIPCORD

COLOR CODE

PAIR	COLOR CODE
1	WHT/BLU//BLU
2	WHT/ORG//ORG
3	WHT/GRN//GRN
4	WHT/BRN//BRN

△4

△5

△1

AMP NETCONNECT CATEGORY 5E CABLE XXYE E138034 CMX (UL) C(UL) 4PR 24AWG U/UTP ---[LENGTH]FT ABCD

LEGEND TO BE REPEATED EVERY 2 FEET MAX

BLUE

1000±2%

REELEX

1427287-6

GRAY

1000±2%

REELEX

1427287-4

WHITE

1000±2%

REELEX

1427287-2

COLOR△4

LENGTH
(FT)

PACKAGE△

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN JESSIE CHEN 23SEP2009

CHK RICKY CHEN 23SEP2009

APVD RICKY CHEN 23SEP2009

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

CABLE, CAT5E, U/UTP, 4PR, 24AWG, CMX

SIZE A2

CAGE CODE 00779

DRAWING NO C=1427287

RESTRICTED TO -

SCALE -

SHEET 1 OF 1

REV C

1427287

14271-9 (3/11)