

SKU: DC-PBC-6A-BK-ETL

CAT6A UTP CMP

LAN CABLE TEST TO 750MHz
Part No.: LX6A105P-ETL
ETL FILE No.: 5011596
Version No.: 03 (2020.08.20)



Packaging available

- 1000ft reel

Jacket colours



CONSTRUCTION

CENTER CONDUCTOR

Material:

Solid Bare Copper

Size:

23AWG 0.0224"(0.57±0.006mm)

INSULATION

Material:

SAME® FEP

OD:

0.0394"(1.00±0.05mm)

Color Code of four pairs:

Brown * White / Brown

Blue * White / Blue

Orange * White / Orange

Green * White / Green

SEPARATOR

LSZH CROSSWEB

RIPCORD

Kevlar

JACKET

Material:

CMP-PVC

Wall Thickness:

0.0157".Nom(0.4mm)

OD:

0.315"±0.020"(8.0±0.5mm)

MARKINGS

TBD

**RoHS**

Issue Date: October '11

Revision: 4

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	80°C
Voltage:	30V
Capacitance:	5.6nF/100m.Nom
Characteristic Impedance:	1-100MHz, 100±15%; 101-250Mhz, 100±22%; 250-500MHz, 100±25%
Velocity of propagation:	≥67%
DCR: Conductor:	9.38 Ohms/100m.Nom
D.C Resistance Unbalance:	≤5%

FREQ MHZ	ATT (dB/100m) Max	NEXT (dB/)	ACRF (dB/)	PS- NEXT (dB/)	PS. ACRF (dB/)	PS- RL ANNEXT (dB/)	DELAY (ns/100m)	SKEW (ns/100m)
1	2.1	74.3	67.8	72.3	64.8	67.0	20.0	570
4	3.8	65.3	55.8	63.3	52.8	67.0	23.0	552
8	5.3	60.8	49.7	58.8	46.7	67.0	24.5	547
10	5.9	59.3	47.8	57.3	44.8	67.0	25.0	545
16	7.5	56.2	43.7	54.2	40.7	67.0	25.0	543
20	8.4	54.8	41.8	52.8	38.8	67.0	25.0	542
25	9.4	53.3	39.8	51.3	36.8	67.0	24.3	541
31.25	10.5	51.9	37.9	49.9	34.9	67.0	23.6	540
62.50	15.0	47.4	31.9	45.4	28.9	67.0	21.5	539
100	19.1	44.3	27.8	42.3	24.8	67.0	20.1	538
200	27.6	39.8	21.8	37.8	18.8	67.0	18.0	537
250	31.1	38.3	19.8	36.3	16.8	67.0	17.3	536
300	34.3	37.1	18.3	35.1	15.3	67.0	16.8	536
400	40.1	35.3	15.8	33.3	12.8	67.0	15.9	536
500	45.3	33.8	13.8	31.8	10.8	67.0	15.2	536

45



RoHS

Issue Date: October '11 Revision: 4