

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

**CAT6A PLENUM UTP SOLID
BARE COPPER - ETL LISTED**

LAN CABLE TEST TO 750MHz
Solid Bare Copper 23AWG Plenum
ETL Listed, RoHS Compliant
Version No.: 03 (2023.08.20)



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 Max	ATT (dB/100m)	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

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RoHS


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