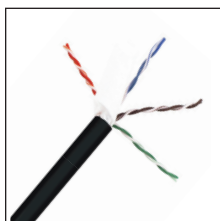


23/4 CAT 6 CABLE OUTDOOR DIRECT BURIAL

ADI PRO

SPEC SHEET



0E-CAT6DB1BK (1,000ft)

0E-CAT6DB5BK (500ft)

Physical Characteristics

Conductor: 23 AWG Solid Bare Copper

Insulation: PP (Polypropylene)

Conductor Color Code:

- Pair 1: Blue - White / Blue

- Pair 3: Green - White / Green

- Pair 2: Orange - White / Orange

- Pair 4: Brown - White / Brown

Rip Cord (Y/N): Yes

Separator (Y/N): Yes

Fill Type: Gel

Jacket: LLDPE (Linear Low Density Polyethylene), Sunlight-Resistant

Jacket Legend:

ADI PRO PN XXXX 23/4 UTP CAT 6 OUTDOOR RATED DIR BUR ANSI/TIA

568.2-D SUN RES (ROHS) DDMMYY YYYFT

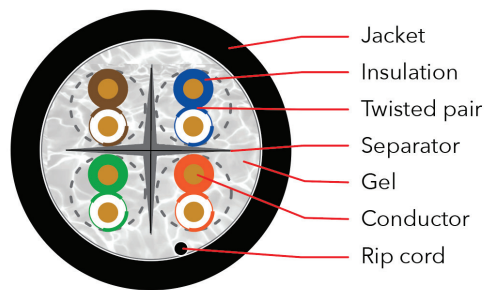
Nominal Wall Thickness: 0.0177"

Nominal Cable Diameter: 0.281"

Temperature Range:

Installation: 0°C to + 75°C / Operating: -20°C to + 75°C

Operating Voltage: 300V



Applications

IEEE802.3: 1000BASE-T (Gigabit Ethernet),
100 BASE-TX, 10 BASE-T, 155Mp/s,
622Mp/s ATM, ANSI X3.263: 100Mb/s,
4/16 Mb/s Token Ring, Broadband and
Baseband Analog Video



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23/4 CAT 6 CABLE OUTDOOR DIRECT BURIAL



Standard Compliance

- ANSI/TIA 568.2-D
- Sunlight Resistance - In compliance with UL444
- RoHS Compliant Directive

Certifications



Electrical Characteristics

Velocity of Propagation: 69% Nominal

DC Resistance	Resistance Unbalanced	Capacitance	Capacitance Unbalanced	Mutual Capacitance	Propagation Delay	Delay Skew
9.38 Ω / 100m Max. @ 20°C	5% Max. @ 20°C	5.6 nF / 100m Max. @ 20°C	330 pF / 100m Max. @ 20°C	5.6 nF / 100m Max. @ 20°C	570 ns / 100m Max. @ 20°C	45 ns / 100m Max. @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB/100m)	ACRF (dB/100m)	PSACRF (dB/100m)	RL (dB/100m)	Delay (dB/100m)
1	2.0	74.3	72.3	67.8	64.8	20.0	570
4	3.8	65.3	63.3	55.8	52.8	23.0	552
8	5.3	60.8	58.8	49.7	46.7	24.5	547
10	6.0	59.3	57.3	47.8	44.8	25.0	545
16	7.6	56.2	54.2	43.7	40.7	25.0	543
20	8.5	54.8	52.8	41.8	38.8	25.0	542
25	9.5	53.3	51.3	39.8	36.8	24.3	541
31.25	10.7	51.9	49.9	37.9	34.9	23.6	540
62.5	15.4	47.4	45.4	31.9	28.9	21.5	539
100	19.8	44.3	42.3	27.8	24.8	20.1	538
200	29.0	39.8	37.8	21.8	18.8	18.0	537
250	32.8	38.3	36.3	19.8	16.8	17.3	536
300	36.4	37.1	35.1	18.3	15.3	16.8	536
350	39.8	36.1	34.1	16.9	13.9	16.3	536
400	43.0	35.3	33.3	15.8	12.8	15.9	536
500	48.9	33.8	31.8	13.8	10.8	15.2	536
550	51.8	33.2	31.2	13.0	10.0	14.9	536
600	54.5	32.6	30.6	12.2	9.2	14.7	535

* Spec meets ANSI/TIA/EIA 568.2-D standard to 250MHz. Sweep Tested to 600MHz. All values are dB/100m (328 ft.). Table values above 250MHz are for reference only.



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