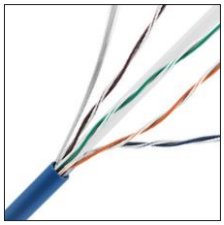
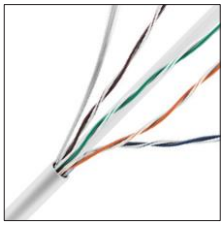
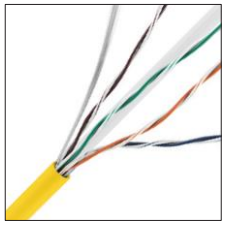
CAT 6 PLENUM CABLE
23/4 CMP/FT6 REEL IN BOX

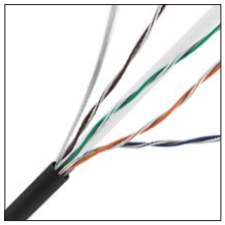
ADI PRO

SPEC SHEET


0E-CAT6PBL


0E-CAT6PWH


0E-CAT6PYW


0E-CAT6PBK

Physical Characteristics

Conductor: 23 AWG Solid Bare Annealed Copper

Insulation: FEP (Fluorinated Ethylene Propylene)

Conductor Color Code:

- Pair 1: Blue - White/Blue
- Pair 2: Orange - White/Orange
- Pair 3: Green - White/Green
- Pair 4: Brown - White/Brown

Spline: FR Polyolefin

Rip Cord: Applied longitudinally under jacket

Jacket: Plenum PVC (Low-Smoke, Flame-Retardant and RoHS compliant)

Jacket Legend:

- 0000FT CAT 6 4 PR 23 AWG E507576 (UL) CMP c(UL)us FT6 75C (ROHS)

  UL VERIFIED TO TIA-568.2-D CAT 6 ###### RM# A B C D E F 1 2 3 4 5 6 7 8 9

Nominal Cable Diameter (in.): 0.232

Nominal Cable Net Weight (lbs./1000ft.): 33.10

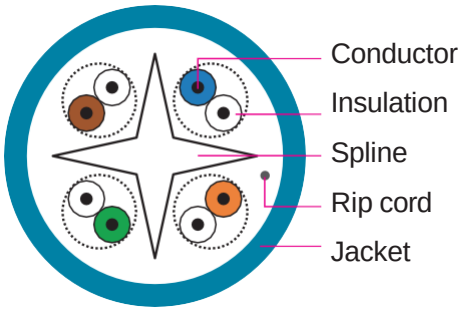
Minimum Bend Radius (in.): 1.0

Maximum Pulling Force (lbs.): 25

Temperature Rating (°F):

- Installation: +32 to +140
- Storage & Operation : -4 to +167

Operating Voltage: 300V



Applications

IEEE802.3: 1000 BASE-T, 100 BASE-TX, 10 BASE-T, ANSI/TIA/EIA 854: 1000BASE-TX, 155Mp/s, 1.2 Gb/s ATM, ASNI x 3.263: 100Mb/s, IEEE 802.3af DTE Power (PoE)

Digital Video

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CAT 6 PLENUM CABLE
23/4 CMP/FT6 REEL IN BOX

ADI PRO

Standard Compliance

- ANSI/TIA-568.2-D
- ANSI-TIA-862 (Building Automation)
- IEC 11801 Ed.2.0 (Class E)
- ICEA S-102-700 (Category 6)
- NEC/CEC Type CMP (NFPA 262) for Plenum
- UL444
- RoHS Compliant Directive 2011/65/EU

Certifications

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E507576

Certifications for Management System

ISO 9001: 2008, ISO 14001: 2004, OHSAS 18001

Electrical Characteristics

Max. Capacitance	Max. DC Resistance	Dielectric Strength	Characteristic Impedance
(nF/100m @ 1 kHz)	(Ω/100m @ 68°F)	(DC-kV, 2s)	(Ω 1~100 MHz)
5.6	9.38	2.5	100 ± 15

Frequency	Insertion Loss	NEXT	PS NEXT	ACRF	PS ACRF	Return Loss	PD	PD Skew
MHz	dB/100m (Max.)	dB/100m (Min.)	dB/100m (Min.)	dB/100m (Min.)	dB/100m (Min.)	dB/100m (Min.)	ns/100m (Max.)	ns/100m (Max.)
1	2.0	74.3	72.3	67.8	64.8	20.0	570	45
4	3.8	65.3	63.3	55.8	52.8	23.0	552	45
10	6.0	59.3	57.3	47.8	44.8	25.0	545	45
16	7.6	56.2	54.2	43.7	40.7	25.0	543	45
20	8.5	54.8	52.8	41.8	38.8	25.0	542	45
31.25	10.7	51.9	49.9	37.9	34.9	23.6	540	45
62.5	15.4	47.4	45.4	31.9	28.9	21.5	539	45
100	19.8	44.3	42.3	27.8	24.8	20.1	538	45
250	32.8	38.3	36.3	19.8	16.8	17.3	536	45
300	36.4	37.1	35.1	18.3	15.3	16.8	536	45
400	43.0	35.3	33.3	15.8	12.8	15.9	536	45
500	48.9	33.8	31.8	13.8	10.8	15.2	536	45
550	51.8	33.2	31.2	13.0	10.0	14.9	536	45

* Spec meets ANSI/TIA 568.2-D standard. Sweep tested to 550 MHz, all values are dB/100m (328 ft.) and values above 250 MHz are for informational purposes only.

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