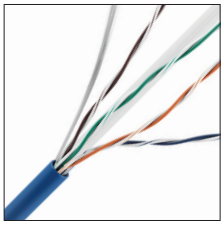
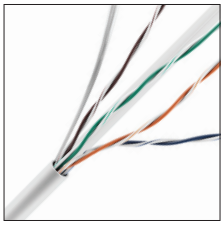
CAT 6 PLUS PLENUM CABLE
23/4 CMP/FT6 REEL IN BOX

ADI PRO

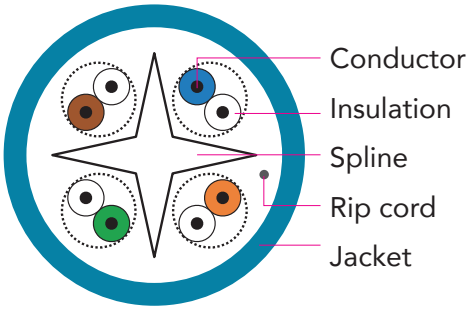
SPEC SHEET



0E-CAT6PBLP



0E-CAT6PWHP



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 PLUS 4 PR 23 AWG E507576 (UL) CMP c(UL)us FT6 75C (RoHS)
- UL VERIFIED TO TIA-568C.2 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: 1000BASE-T, 100 BASE-TX, 10 BASE-T, ANSI/TIA/EIA 854: 1000BASE-TX, 155Mp/s, 1.2 Gb/s ATM, ANSI X3.263: 100Mb/s, IEEE 802.3af DTE Power (PoE), Digital Video

c UL us LISTED

For more information contact your ADI Sales person or visit adiglobal.com/adiexclusivebrands

CAT6 PLUS PLENUM CABLE
23/4 CMP/FT6 REEL IN BOX

Standard Compliance

- ANSI/TIA-568-C.2
- 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
- UL 444
- RoHS Compliant Directive 2011/65/EU

Certifications

c UL us LISTED
E507576

Certifications for Management System

ISO9001: 2008, ISO14001: 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	PSNEXT	ACRF	PSACRF	Return Loss	PD	PD Skew
MHz	Max. dB/100m	Min. dB/100m	Min. dB/100m	Min. dB/100m	Min. dB/100m	Min. dB/100m	Max. ns/100m	Max. ns/100m
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
350	39.8	36.1	34.1	16.9	13.9	16.3	536	45
450	46.0	34.5	32.5	14.7	11.7	15.5	536	45
550	51.8	33.2	31.2	13.0	10.0	14.9	536	45

* Spec meets ANSI/TIA/EIA 568 C.2 standard. Frequencies beyond the TIA requirements are for information only. All values are dB/ 100 m (328ft)

c UL us LISTED

For more information contact your ADI Sales person or visit adiglobal.com/adiexclusivebrands