

CAT6 550MHZ PLENUM 23AWG, UTP, 4 PAIR, SOLID 1000' PULL BOX

PART NUMBER:
061-1981/PBXBL



PG. 1	☐ APPROVALS:	☐ DATE:	THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO VERTICAL CABLE AND MAY NOT BE DISCLOSED OR TRANSMITTED TO ANY OTHER PARTIES WITHOUT THE EXPRESS WRITTEN PERMISSION OF VERTICAL CABLE. THIS INFORMATION IS PROVIDED FOR THE PURPOSES OF QUOTATION ONLY. 
	MARKETING		
	TECHNICAL		
	SALES		
	FINAL		

GENERAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER:

REFERENCE: 061-1981/PBXBL

DESCRIPTION:

Category-6 UTP 1000' 8-Conductor, Bulk, Blue-Plenum Jacket, AWG23 Solid-Bare Copper, Pull Box (UL/ETL)

ACCESSORIES INCLUDED WITH THIS PRODUCT:

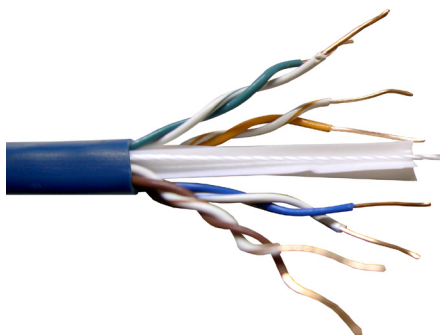
NONE

FEATURES AND BENEFITS:

- High-Performance Data Communications Cable
- Suitable for 550MHz High-Speed Data Applications, Gigabit Ethernet, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Designed for Indoor Installations
- Flame Retardant – Type Plenum
- Category-6 Unshielded Twisted Pair (UTP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Excellent Attenuation and Crosstalk Characteristics
- Exceeds EIA/TIA 568 B.2-1, UL, CSA and ISO/IEC 11801 specifications
- UL/cUL or ETL Listed
- Supplied in 1000' Pull Box



PULL BOX



CABLE

PG. 2	☐ P/N: 061-1981/PBXBL		☐ PRODUCT: CAT6 550MHZ CABLE, UTP, 23AWG, 4P, SOLID, PLENUM, 1000', PULL BOX
	☐ AUTHOR:		
	☐ DATE: 01/26/10	☐ REV: 01	

TECHNICAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER:

REFERENCE: 061-1981/PBXBL

DESCRIPTION:

Category-6 UTP 1000' 8-Conductor, Bulk, Blue-Plenum Jacket, AWG23 Solid-Bare Copper, Pull Box (UL/ETL)

TECHNICAL SPECS:

Conductor	Solid Bare Copper
Size	23AWG (0.575mm)
Insulation	TEFLON FEP
Thickness (mm)	0.5
Outer Diameter	6.2mm
Jacket	FR-PVC
Color	Blue
Color of Pairs	
Pair 1	Blue,White-Blue
Pair 2	Orange,White-Orange
Pair 3	Green,White-Green
Pair 4	Brown,White-Brown

Marking

VERTICAL E312655 (UL) CMP FT6 UTP 4PR 23AWG 550MHz ETL VERIFIED
CAT6 TIA/EIA-568B. 2-1 (VID:H1) XXXXFT

SEQUENTIAL FOOT MARKERS ON JACKET

Standards

ANSI/EIA/TIA 568B
UL 444,EN50173, EN50167 (LSOH)
UL 1581 (CM), UL 1666 (CMR), UL 910 (CMP)

Applications

High Speed Horizontal Cabling
100 Mbps TPDDI
1000 Base T
622 Mbps ATM
IEEE802.3/IEEE802.5

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Electrical Characteristics:

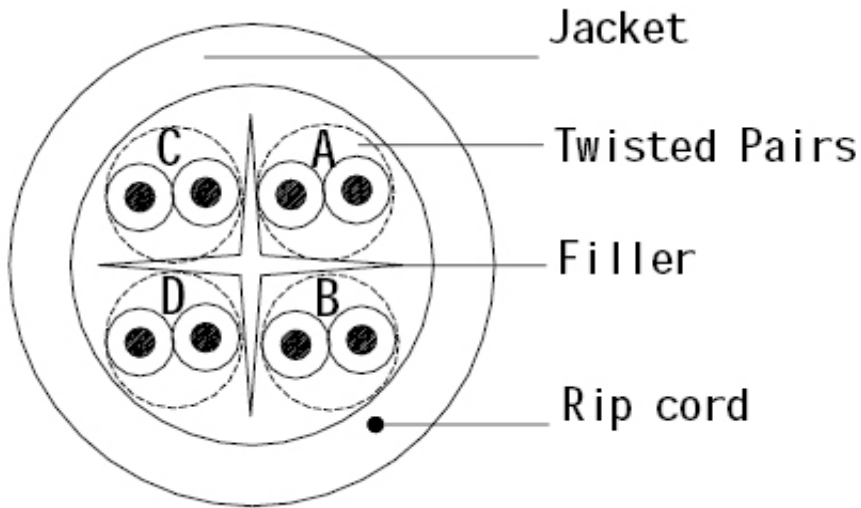
Conductor Resistance	:93.8 Ω /km 20° C Max
Mutual Capacitance	:5.6 nF/100m Max
Resistance Unbalance	:5% Max
Capacitance Unbalance	:330 pF/100m Max
Impedance	:F<=100:± 15 Ω 200>=F>100: 100± 22 Ω F>200: 100±32 Ω

Frequency (MHz)	Attenuation Max. (db/00m)	Pr-Pr NEXT Min. dB≥100m	PS NEXT Min. dB≥100m
.772	1.8	76.0	74.0
1	2.0	74.3	72.3
4	3.8	65.3	63.3
8	5.4	60.8	58.8
10	6.0	59.3	57.3
16	7.7	56.3	54.3
20	8.6	54.8	52.8
31.25	9.6	53.3	51.3
62.5	10.8	51.9	49.9
100	15.7	47.4	45.4
155	20.2	44.3	42.3
200	29.8	39.8	37.8
250	33.8	38.3	36.3
300	36.4	37.1	35.1
350	39.8	36.1	34.1
400	43	35.3	33.3
500	48.9	33.8	31.8
550	51.8	33.2	31.2

Frequency (MHz)	ACR Min. dB	Pr-Pr FEXT Min. dB/100m	PS ELFEXT Min.dB/100m
.772	74.2	-----	-----
1	72.3	67.8	64.8
4	61.5	55.7	52.7
8	55.4	49.7	46.7
10	53.3	47.8	44.8
16	48.6	43.7	40.7
20	46.2	41.7	38.7
31.25	43.7	39.8	36.8
62.5	41.1	37.9	34.9
100	31.7	31.8	28.8
155	24.1	27.8	24.8
200	10.0	21.7	18.7
250	4.6	19.8	16.8
300	0.7	-----	-----
350	-----	-----	-----
400	-----	-----	-----
500	-----	-----	-----
550	-----	-----	-----

**PG.
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TECHNICAL DIAGRAM:



LABEL FOR PRODUCTION DATE CONTROL:

THIS UPC LABEL IS PLACED ON EACH 1 UNIT SHIPMENT CARTON.

LABEL: UPC CODE



IMPORTANT NOTE: --

UL FILE NUMBER: E312655

ETL FILE NUMBER: --

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