

CATEGORY 6 CMP

SKU: NGC6BPL1000

CAT6 550MHz CMP PLENUM UTP 4-PAIR 23AWG
1000FT (black ink,one/feet)



TECHNICAL INFORMATION ABOUT THIS PRODUCT:

TECHNICAL SPECS:

Conductor Solid UTP / 4 Pairs
SP line FEP
Insulation FEP
Conductor Dia (mm) 0.58mm
Data Transfer 550MHz
Jacket Plenum
Weight 25 lbs

DESCRIPTION:

Category-6 UTP 1000'
8-Conductor, Bulk,
CMP-Plenum Jacket,
23AWG Pull Box

APPLICATIONS:

- IEEE 802.3: 1000 BASE-T, 100 BASE-TX, 10 BASE-T, PoE, PoE+
- ANSI/TIA 854: 1000 BASE-TX
- CDDI, Token Ring, ATM
- Digital Video
- Broadband and Baseband Analog Video

Color of Pairs:

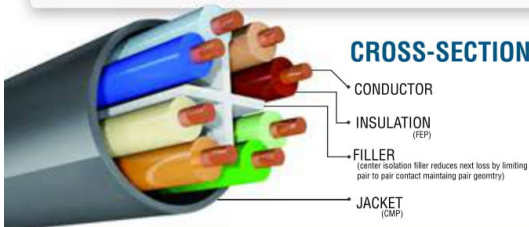
- Pair 1 Blue,White-Blue
- Pair 2 Orange,White-Orange
- Pair 3 Green,White-Green
- Pair 4 Brown,White-Brown

STANDARD COMPLIANCES:

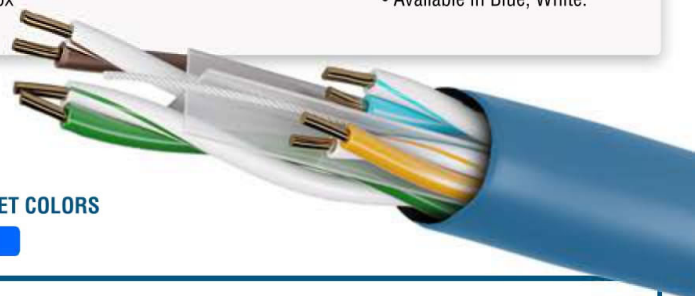
- ANSI/TIA 568-C.2 • NEC/CEC Type CMP (NFPA 262) for Plenum • RoHS Compliant Directive 2011/65/EU • ANSI/TIA 862 (Building Automation)
- ICEA S-116-732 • ICEA S-102-700 • ISO/IEC 11801 Ed. 2.0 (Class EA)

FEATURES AND BENEFITS:

- High-Performance Data Communications Cable
- Flame Retardant – Type Plenum
- 4-Pair – Easily Identified Color-Striped Pairs
- Suitable for 550MHz High-Speed Data Application Fast Ethernet and 155Mbps TP-PMD/CDDI
- Designed for Indoor Installations
- Category-6 Unshielded Twisted Pair (UTP) Cable
- 23AWG Solid Conductors
- Easy Pull Box
- Length: 1000ft
- Low Smoke
- CMP Plenum rated jacket
- Available in Blue, White.



JACKET COLORS



ELECTRICAL CHARACTERISTICS

Max.Conductor DC Resistance at 20°C (Ω /Km) 86
Rated Temperature(°C) 60
Velocity ratio 65%

Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max	NEXT (dB)	ACR (dB)	Frequency (MHz)	PSNEXT (dB)	PSELFEXT (dB)	Impedance(Ω) (Ohm)
1.000	20.00	2.00	74.30	72.00	1.000	73.20	67.80	100±15
4.000	23.00	3.80	65.30	61.00	4.000	63.30	55.80	
8.000	24.50	5.30	60.80	55.00	8.000	58.80	49.70	
10.00	25.00	6.00	59.30	53.00	10.00	57.30	47.80	
16.00	25.00	7.60	56.20	49.00	16.00	54.20	43.70	
20.00	25.00	8.50	54.80	46.00	20.00	52.80	41.80	
25.00	24.30	9.50	53.30	44.00	25.00	51.30	39.80	
31.25	23.30	10.70	51.90	41.00	31.25	49.90	37.90	
62.50	21.50	15.40	47.40	32.00	62.50	45.40	31.90	
100.00	20.10	19.80	44.30	25.00	100.00	42.30	27.80	
150.00	18.90	24.70	41.70	16.90	150.00	39.70	24.30	
200.00	18.00	29.00	39.80	10.80	200.00	37.80	21.80	
250.00	17.30	32.80	38.30	5.50	250.00	36.30	19.80	

