

## GENERAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER 1000FT CABLES:

REFERENCE: SKCAT6BC-401 PLENUM

### FEATURES AND BENIFITS:

- High-Performance Data Communications Cable
- Suitable for 550MHz High-Speed Data Applications 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 Identifi ed Color-Striped Pairs
- 23AWG Solid Copper Conductors

Length: 1000ft

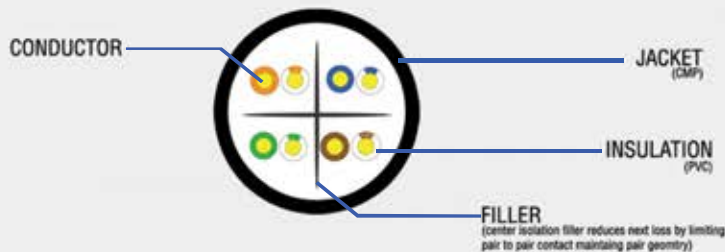
Low Smoke, CMP Plenum rated jacket

Reel packing

Available in Blue and White.

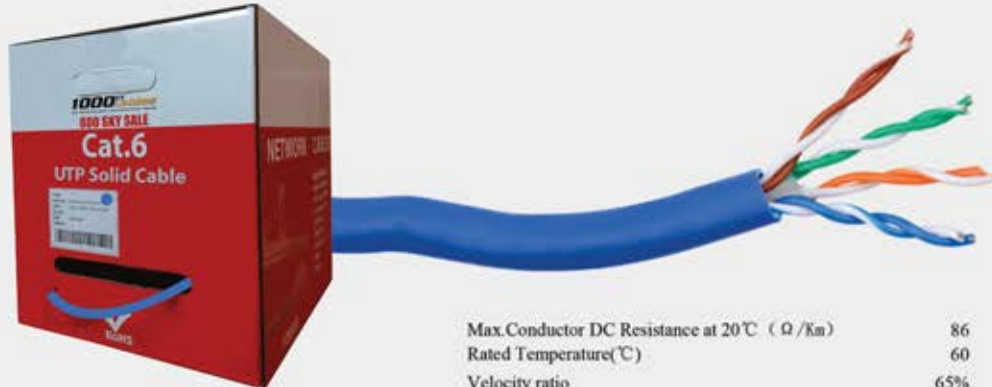


## CROSS-SECTION



### Jacket Color

- Blue
- White



## TECHNICAL INFORMATION ABOUT THIS PRODUCT:

### DESCRIPTION:

Category-6 UTP 1000' 8-Conductor solid copper, Bulk, CMP-Plenum Jacket, 23AWG Solid Copper, Reel Box

### TECHNICAL SPECS:

Conductor	Solid copper / 4 Pairs
Size	0.039(nominal)
Insulation	PVC
Conductor Dia (mm)	0.53+0.0094
Outer Diameter	5.3mm
Jacket	Plenum
Weight	33 lbs

### 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:

- ISO/IES
- RoHS Compliant
- EIA/TIA 568 B.2

### APPLICATIONS:

- 100 Base-T4
- 100 Base-TX
- 100VG - AnyLAN
- 1000 Base-T (Gigabit Ethernet)
- 155 Mbps ATM
- 622 Mbps AT

### MARKING:

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

## ELECTRICAL CHARACTERISTICS

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

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB)	Frequency (MHz)	PSNEXT (dB)	PSELFEXT (dB)	Impedance(Ω)
	min.	max	(dB)	(dB)				(Ohm)
1.000	20.00	2.00	74.30	72.00	1.000	73.20	67.80	
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	100±15
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	