

CAT6 HIGH GRADE 550MHz UTP (STRANDED)

Cat5eCableGuy.Com

DESCRIPTION

Category-6, 24AWG, UTP, 8C Stranded Bare Copper, 550MHz, PVC Jacket 1000ft.

FEATURES

- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- Exceeds EIA/TIA 568-B.2-1, ISO/IEC-11801
- 1000ft Pull Box



Dimensions 14.75H x 14.75L x 8.5W (inches)
45pcs per pallet
(Packaging may vary)

SKU: 063 SERIES

Technical Data

Rated Temperature (°C)	70
Rated Voltage (V)	30
Product Standard Certification	CM
Flammability Test	IEC-332-1

Conductor

Size **Stranded Bare Copper**
24 AWG

Insulation

Average Thickness (mm)	0.20
Min. Point Thickness (mm)	0.18
Insulation Diameter (±0.005mm)	0.98
Twisted Pair Diameter (±0.01)	1.96

Separator

Assembly Diameter **4.80**

Jacket

Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.54
Outer Diameter (±0.10mm)	6.20
Rip Cord	Yes
Color	Blue

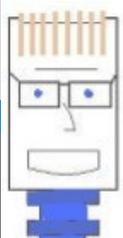
Color of Pairs

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

Marking on Jacket

VERTICAL 4001453 cETLus VERIFIED CM UTP 4PR 24AWG
CAT6 550MHz TIA/EIA-568B.2-1 STRANDED RoHS XXXFT
(SEQUENTIAL FOOT MARKERS ON JACKET)

Jacket color available in
Blue, Black, White, Green, Gray, Red, Yellow, Orange



Cat5eCableGuy.Com
Where Quality Cable is on Sale!



CAT6 HIGH GRADE 550MHz UTP (STRANDED)

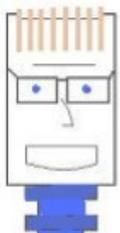
PERFORMANCE

Electrical Characteristics:

1.0-550.0MHz Impedance (Ohms)	100±15
1.0-550.0MHz Delay Skew (ns/100m)	<=45
Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330
Max. Conductor DC Resistance 20°C (ohms/km)	95
Resistance Unbalance (%)	<=5

Frequency (Mhz)	Return Loss (Min dB)	Attenuation Max (dB/100m)	Next (Min dB)
0.772	19.4	1.8	76.0
1	20.0	2.0	74.3
4	23.0	3.8	65.3
8	24.5	5.3	60.8
10	25.0	6.0	59.3
16	25.0	7.6	56.2
20	25.0	8.5	54.8
25	24.3	9.5	53.3
31.25	23.6	10.7	51.9
62.5	21.5	15.4	47.4
100	20.1	19.8	44.3
200	18.0	29.0	39.8
250	17.3	32.8	38.3
400	14.8	44.2	35.3
550	14.2	52.8	33.2

Frequency (Mhz)	PSNext Min (dB)	ELFEXT Min(db/100m)	Delay Max(ns/100m)
0.772	74.0	70.0	-----
1	72.3	67.8	570.0
4	63.3	55.8	552.0
8	58.8	49.7	546.0
10	57.3	47.8	545.0
16	54.2	43.7	543.0
20	52.8	41.8	542.0
25	51.3	39.8	541.0
31.25	49.9	37.9	540.0
62.5	45.4	31.9	538.0
100	42.3	27.8	537.0
200	37.8	21.8	536.0
250	36.3	19.8	536.0
400	33.2	15.8	535.0
550	31.2	13.0	533.0



Cat5eCableGuy.Com
Where Quality Cable is on Sale!

Rev. 01/2011

Subject to change without notice.