

CAT6 HIGH GRADE 550MHz UTP PLENUM (CMP)

DESCRIPTION

Category-6, 4 Pair, 23AWG, UTP, CMP, Plenum, Horizontal (Solid) Cable, 1000ft.

FEATURES

- * High-Performance Data Cable
- * Suitable for High-Speed Data Applications, Gigabit Ethernet, Fast Ethernet and 155Mbps TP-PMD/CDDI
- * Easily Identified Color-Striped Pairs
- * Unshielded Twisted Pair (UTP) Cable
- * 23AWG Solid Bare Copper Conductors
- * Exceeds ANSI/TIA 568-C.2
- * Excellent Attenuation and Crosstalk Characteristics



Dimensions 18H x 18L x 9W (inches)
45pcs per pallet
(Packaging may vary)

SKU: 061 SERIES

Construction

Conductor	Solid Bare Copper
Diameter	23AWG
Insulation	FEP
Thickness	0.5mm
Jacket	Flame Retardent Polyvinyl Chloride
Outer Diameter	6.2mm
Separator	Yes (Divider)
Rip Cord	Yes
Color of Pairs	
Pair 1	Blue, White-Blue
Pair 2	Orange, White-Orange
Pair 3	Green, White-Green
Pair 4	Brown, White-Brown

Electrical Characteristics

ANSI/TIA 568-C.2
Impedance :100Ω±15%

Standards

ANSI/TIA-568-C.2 Category 6
with the applicable electrical transmission characteristics

Applications

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

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



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PERFORMANCE

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	-----	-----	-----

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Subject to change without notice.