

CAT6 550MHz CABLE

CMR RATED (TAA COMPLIANT)



DESCRIPTION

Category-6, 23AWG, UTP, 8C Solid Copper, Riser Rated, PVC Jacket 1000ft.

FEATURES

- 550MHz High-Performance Data Cable
- Category-6 Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- TIA/EIA 568-B.2-1 Category 6
- ISO/IEC 11081 Class D, UL 444
- UL Listed, Riser Rated (CMR)
- 1000ft Reel in a Box, TAA Compliant



SKU: 060 UL SERIES

Technical Data

Product Standard Certification

CMR: UL 1666
Solid Bare Copper
23AWG

Conductor

Size

Insulation

Insulation Diameter ($\pm 0.005\text{mm}$)

Separator

Jacket

Outer Diameter ($\pm 0.02\text{mm}$)

Rip Cord

Color of Pairs

Pair 1

Pair 2

Pair 3

Pair 4

PE

1.00

Yes

PVC

6.1

Yes

Blue, White-Blue
Orange, White-Orange
Green, White-Green
Brown, White-Brown

Mechanical Characteristics

Bending Radius

Temperature Range

$\geq 4 \times \text{OD}$ (without load)
during operation $-20\text{ }^{\circ}\text{C} \sim 75\text{ }^{\circ}\text{C}$
during installation $0\text{ }^{\circ}\text{C} \sim 60\text{ }^{\circ}\text{C}$

Electrical Properties (at $20 \pm 5\text{ }^{\circ}\text{C}$)

DC Resistance:

Resistance unbalance:

Mutual Capacitance:

Cap. Unbalance to ground:

Characteristic Impedance:

Nominal Velocity of Propagation:

Propagation Delay:

Delay Skew:

Max $9.38\Omega / 100\text{m}$ at $20\text{ }^{\circ}\text{C}$
Max 5% at $20\text{ }^{\circ}\text{C}$
Max $5.6\text{nf} / 100\text{m}$ at 1kHz
Max $330\text{pf} / 100\text{m}$ at 1kHz
 $(100 \pm 15)\Omega$ at 1~100MHz
67%
 $\leq 535\text{ns} / 100\text{m}$
 $\leq 45\text{ns} / 100\text{m}$

Applications

IEEE 802.3: 1000Base-T, 100Base-T, 10Base-T

IEEE 802.5: 4/6 Mbps ATM

Gigabit Ethernet

Jacket color available in various colors

VERTICAL CABLE

954 454-3554 Florida Office

951 696-7772 California Office



www.verticalcable.com

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Subject to change without notice.