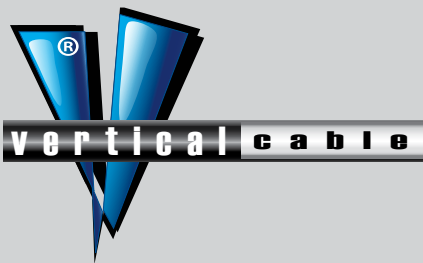


CAT5 ENHANCED 350MHz SHIELDED, PLENUM RATED TAA COMPLIANT

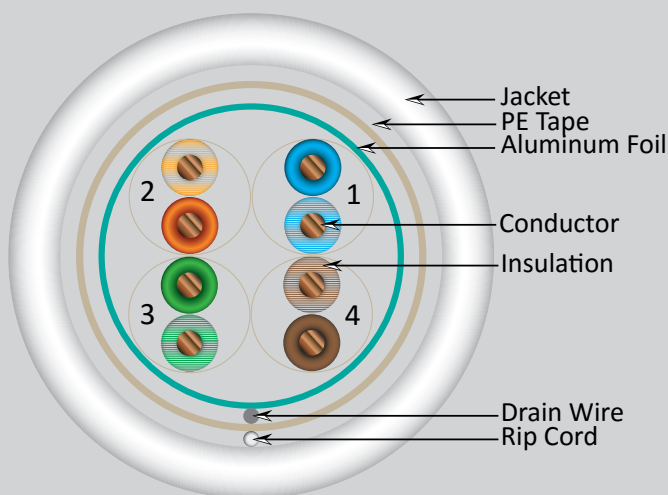


DESCRIPTION

CAT5E Shielded(STP), Plenum Rated (CMP), 24AWG 8C Solid-Bare Copper, TAA Compliant, 1000ft

FEATURES

- High-Performance Data Communications Cable
- Suitable for 350MHz High-Speed Data Applications, ANSI X3T9.5 TP-PMD (FDDI), ATM PMD 155Mbps, IEEE 802.3 Fast Ethernet 10 Base-T, 100 Base-T4, 100 Base-X, IEEE 802.5, 4/16 Mbps Token Ring, IEEE 802.12, 100 Base-VG, Gigabit Ethernet
- Designed for Indoor Installations
- Plenum Rated (CMP)
- Category-5E Shielded Twisted Pair (STP) Cable
- Easily Identified Color-Striped Pairs
- 24AWG Solid Bare Copper Conductors, 4-Pair
- Excellent Attenuation and Crosstalk Characteristics
- ANSI/TIA-568 C.2
- UL Listed, TAA Compliant, RoHS Compliant
- Supplied in a 1000ft Pull Box



SKU: 057 CMP SERIES

Technical Data

Rated Temperature	70 °C
Product Standard Certification	CMP
Flammability Test	UL 444

Conductor

Size **Solid Bare Copper**
24 AWG

Insulation

Insulation Thickness (mm) **FEP**
0.225

Color of Pairs

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

Drain Wire	Yes
Aluminum Foil	Yes
PE-Tape	Yes
Rip Cord	Yes

Jacket

Outer Diameter (mm) **FR-PVC**
5.6

Mechanical Characteristics

Test Object	Jacket
Test Material	FR-PVC
Before	Tensile Strength (Mpa) ≥13.8
Aging	Elongation (%) ≥100
Aging Condition (°Cxhrs)	100x168
After	Tensile Strength (Mpa) ≥85% of unaged
Aging	Elongation (%) ≥50% of unaged
Cold Bend (-20±2° Cx4hrs)	No Crack

Jacket color available in
Blue, Gray and White

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York



www.verticalcable.com

Rev. 09/2015

Specs subject to change without notice.

It is the sole responsibility of the user to have the most current specs.

CAT5 ENHANCED 350MHz SHIELDED, PLENUM RATED TAA COMPLIANT

PERFORMANCE

Electrical Characteristics:

Mutual Capacitance (nF/100m)	≤5.6
Pair-to-Ground Capacitance Unbalance (pF/100m)	≤330
Max. Conductor DC Resistance 20°C (Ω/km)	93.8
Resistance Unbalance (%)	≤5

Frequency (Mhz)	Return Loss (Min dB)	Attenuation Max (dB/100m)	Next (Min dB)
1	20.0	2.0	65.3
4	23.0	4.1	56.3
8	24.5	5.8	51.8
10	25.0	6.5	50.3
16	25.0	8.2	47.2
20	25.0	9.3	45.8
25	24.3	10.4	44.3
31.25	23.6	11.7	42.9
62.5	21.5	17.0	38.4
100	20.1	22.0	35.3

Frequency (Mhz)	PSNext (Min dB)	ELFEXT Min(dB/100m)	PSELFEXT Min(dB/100m)
1	62.3	63.8	60.8
4	53.3	51.7	48.7
8	48.8	45.7	42.7
10	47.3	43.8	40.8
16	44.2	39.7	36.7
20	42.8	37.8	34.8
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.9	24.9
100	32.3	23.8	20.8

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