

BUNDLED CABLE

1 CAT5E UTP + 4C x 16AWG

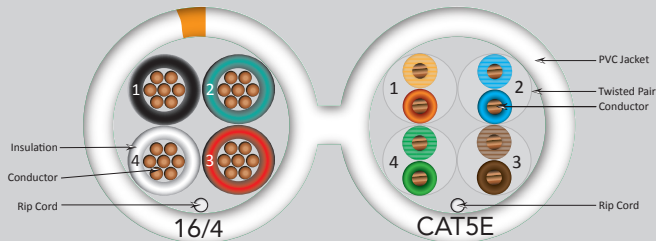


DESCRIPTION

Bundled Cable, 1 x Cat5E (UTP) with 4C x 16AWG, PVC Jacket, 500ft Spool, White.

FEATURES

- High-Performance Cat5E Data Cable
- Suitable for 350MHz High-Speed Applications
- Gigabit Ethernet, Fast Ethernet
- Designed for Indoor Installations, (CMR) Riser
- Exceeds EIA/TIA 568C.2, ISO/IEC 11801
- 16AWG 4 Conductor Audio Cable
- ETL Verified, RoHS Compliant
- 500ft Wooden Spool



SKU: 294-2173

TECHNICAL DATA

Rated Temperature 75 °C
Product Standard Certification CMR

Lan Cable

Conductor Solid Bare Copper
Size 24 AWG

Insulation

PE
Average Thickness (mm) 0.205
Insulation Diameter (±0.02mm) 0.91
Assembly Diameter (±0.1mm) 3.80

Color of Pairs

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

Speaker Cable

Conductor Stranded Bare Copper
Size 16awg

Insulation

Average Thickness (mm) 0.31
Diameter (±0.05mm) 2.10
Insulation Colors are:
1. Black 2. White
3. Red 4. Green

Outer Jacket

PVC
Color White
Outer Dia. (±0.02mm)
Lan Cable 5.10mm
Audio Cable 6.30mm
Overall 11.50mm
Rip Cord Yes

Marking on Outer Jacket

VERTICAL CMR 75C (24AWG/4P) CAT5E 350MHZ UTP AND (4X16AWG) SPEAKER CABLE RoHS COMPLIANT XXXFT

Reference Standard
EIA/TIA568 & ISO/IEC 11801

VERTICAL CABLE

800.749.2447 Florida
951.696.7772 California
845.391.8318 New York



www.verticalcable.com

Rev. 04/2015

Specs subject to change without notice.

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

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1 CAT5E UTP + 4C x 16AWG

PERFORMANCE

Mechanical Characteristics

Test Object		Jacket
Test Material		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

Electrical Characteristics: (Cat6)

Frequency (Mhz)	Return Loss (Min dB)	Attenuation Max (dB/100m)	Next (Min dB)
1	20.0	2.0	68.3
4	23.0	4.1	59.3
8	24.5	5.8	54.8
10	25.0	6.5	53.3
16	25.0	8.2	50.3
20	25.0	9.3	48.8
25	24.3	10.4	47.3
31.25	23.6	11.7	45.9
62.5	21.5	17.0	41.4
100	20.1	22.0	33.8
200	18.0	32.4	35.5
300	16.8	41.0	31.2
350	16.3	44.9	30.1

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	44.3	39.7	36.7
20	42.8	37.7	34.8
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.8	24.8
100	32.3	23.8	21.0
200	27.8	17.7	14.7
300	25.2	14.2	11.2
350	24.2	12.9	9.9

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