

CAT5E PATCH CABLE NON-BOOTED, UNSHIELDED



SKU: 093 Series

Conductor

Size	24AWG
Material	Bare Copper

Insulation

Material	HDPE
Nominal Thickness	0.186 mm
Nominal Diameter	0.96 mm
Unaged Elongation	Min. 300%
Unaged Tensile Strength	Min. 1.683 Kgf/mm ²
Colors	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown

Jacket

Material	PVC
Nominal Thickness	0.5 mm
Nominal Diameter	5.4 mm
Unaged Elongation	Min. 100%
Unaged Tensile Strength	Min. 1.407 Kgf/mm ²
Aging at 100°C for 168 Hrs	Min Elongation Retention 50% Min Tensile Strength Retention 75%

Ratings and Approvals

UL/cUL Listed
ETL /3P Certified ANSI/TIA-568-C.2 Category 5e Testing
Safety/Performance Requirements.

DESCRIPTION

Category-5E Non-Booted Patch Cord,
24-AWG Stranded, PVC Jacket.

FEATURES

- Stranded Conductors
- Unshielded RJ45 Modular Plugs
- 8P8C Gold Plated Pins 50U"
- 568B Wiring Color Code
- RoHS Compliant



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York



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Rev. 6/2014

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PERFORMANCE

Electrical Characteristics:

Dielectrick Strength of Insulation
Insulation Resistance Test
Conductor Resistance
Resistance Unbalance
Capacitance Unbalance
Mutual Capacitance
Impedance 772kHz
1~125MHz

2850 V dc / 2 seconds
Min. 5000 M Ω ·Km
Max. 9.38 Ω /100m at 20°C
Max. 2%
Max. 160 pF/100m
Max. 5600 pF/100m
102 Ω \pm 15%
100 Ω \pm 15%

Frequency (Mhz)	Max. Attenuation (dB/100m)	NEXT (dB), Min.	PSNEXT (dB), Min.
1	2.0	65.3	62.3
4	4.1	56.3	53.3
8	5.8	51.8	48.8
10	6.5	50.3	47.3
16	8.2	47.2	44.2
20	9.3	45.8	42.8
25	10.4	44.3	41.3
31.25	11.7	42.9	39.9
62.5	17.0	38.4	35.4
100	22.0	35.3	32.3
125	24.9	33.8	30.8

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