

# CAT6 PATCH CABLE

## NON-BOOTED, UNSHIELDED



### SKU: 095 Series

#### Conductor

Size	24AWG
Material	Bare Copper

#### Insulation

Material	HDPE
Nominal Thickness	0.231 mm
Nominal Diameter	1.05 mm
Unaged Elongation	Min. 300%
Unaged Tensile Strength	Min. 1.683 Kgf/mm <sup>2</sup>
Colors	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown

#### Jacket

Material	Flame Retardant PVC
Nominal Thickness	0.5 mm
Nominal Diameter	5.8 mm
Unaged Elongation	Min. 100%
Unaged Tensile Strength	Min. 1.407 Kgf/mm <sup>2</sup>
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-6 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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# CAT5E PATCH CABLE UNSHIELDED

## PERFORMANCE

### Electrical Characteristics:

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

2500 V dc / 2 seconds  
Min. 5000 MΩ·Km  
Max. 9.38 Ω/100m at 20°C  
Max. 2%  
Max. 160 pF/100m  
Max. 5600 pF/100m  
105Ω ± 20%  
100Ω ± 15%

Frequency (Mhz)	Max. Attenuation (dB/100m)	NEXT (dB), Min.	PSNEXT (dB), Min.
1	2.0	74.3	72.3
4	3.8	65.3	63.3
10	6.0	59.3	57.3
16	7.6	56.2	54.2
20	8.5	54.8	52.8
31.25	10.7	51.9	49.9
62.5	15.4	47.4	45.4
100	19.8	44.3	42.3
150	24.9	41.4	39.4
200	29.0	39.8	37.8
250	32.8	38.3	36.3

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