



DESCRIPTION

Category-6 Non-Booted Patch Cord,
24-AWG Stranded, PVC Jacket.

FEATURES

- CAT6 Patch Cord without Boot & Protector
- 550 MHz High-Performance Patch Cord
- Flame-Retardant, CM Rated PVC Jacket
- Stranded Bare Copper Conductors
- Exceeds ANSI EIA/TIA 568 B.2-10
- Unshielded RJ45 Modular Plugs
- 8P8C Gold Plated Pins 50U"
- 568B Wiring Color Code
- UL Listed, RoHS Compliant
- Available in various colors and lengths



CATEGORY 6 PATCH CORD

STRANDED 24 AWG

UTP NON-BOOTED

095 Series

PERFORMANCE

Meets or exceeds ANSI/TIA-568.2-D and ISO/IEC 118011 specifications

CONSTRUCTION

Media:
Wiring scheme:

4 unshielded twisted pairs, 8 stranded conductors
ANSI/TIA-568.2: T568B
ISO/IEC 118011: 8-position 1-2/3-6/
4-5/7-8 pin/pair assignment

CONDUCTORS

Size:
Material:

Stranded 24 AWG
Bare Copper

INSULATION

Material.:
Nominal Thickness:
Nominal Diameter:
Unaged Elongation:
Unaged Tensile Strength:

High-Density Polyethylene (HDPE)
(0.231 mm)
(1.05 mm)
Min 300%
2,395 lbf/in2 (1.683 kgf/mm2)

JACKET

Material:
Nominal Thickness:
Nominal Diameter:
Unaged Elongation:
Unaged Tensile Strength:
Ageing (at 100 °C for 168 h)
Elongation Retention:
Tensile Strength Retention:

Polyvinylchloride (PVC), flame-retardant
in. (0.5 mm)
(5.8 mm)
100% min
2,000 lbf/in2 (1.407 kgf/mm2)
50% min.
75% min.

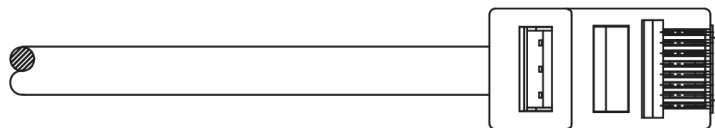
PLUGS

Type:
Housing:
Contacts:

8P8C Modular Plugs ("RJ45")
Flame-retardant polycarbonate (PC), 94V-0
50 µin gold plated

093-XXX/XBK	Black
093-XXX/XBL	Blue
093-XXX/XGR	Green
093-XXX/XGY	Gray
093-XXX/XOR	Orange
093-XXX/XPR	Purple
093-XXX/XRD	Red
093-XXX/XWH	White
093-XXX/XYL	Yellow

Length	Weight		
1 ft	0.05 lb	14 ft	0.35 lb
2 ft	0.06 lb	20 ft	0.40 lb
3 ft	0.10 lb	25 ft	0.50 lb
5 ft	0.15 lb	50 ft	1.00 lb
7 ft	0.20 lb	75 ft	1.50 lb
10 ft	0.25 lb	100 ft	2.00 lb



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



verticalcable.com

Rev. 03/2025

Subject to change without notice.

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STRANDED 24 AWG

UTP NON-BOOTED

PERFORMANCE

ELECTRICAL

Insulation Dielectric Strength:	2,500 VDC for 2s
Insulation Resistance:	5000 MOhm min
Conductor Resistance:	9.38 Ohm/100 m at 68 °F (20 °C)
Conductor Resistance Unbalance:	2% max
Capacitance Unbalance:	160 pF/100m max
Mutual Capacitance:	5,600 pF/100 m max
Characteristic Impedance	
0.772 MHz:	102 Ohm±15 %
0.772 MHz–125 MHz:	100 Ohm±15 %

ENVIRONMENTAL

Operating Temperature:	-4 °F to +158 °F (-20 °C to 70 °C)
Operating Humidity:	93 % RH max (non-condensing)
Storage Temperature:	32 °F to +122 °F (0 °C to +50 °C)

SAFETY

Voltage Rating:	300 V
Fire Rating:	UL444

JACKET MARKING

350MHz (UL) E305668 TYPE CM 24AWG 75°C C(UL) E305668 CM 75°C VERIFIED TO ANSI/TIA-568.2-D UTP CAT.RoHS COMPLIANCE 20220223

FREQUENCY	MAX. ATTENUATION	NEXT	PSNEXT
(MHz)	(dB/100m)	(dB), Min.	(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	54.4
20	8.5	54.8	52.2
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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