



**Product:** [CAT6+ UTP PVC PATCH CORDS](#)

CAT6+ Patch Cord, UTP, PVC

## Product Description

CAT6+ Copper Patch Cord, UTP, PVC

## Technical Specifications

### Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6 and 5e applications, such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM
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### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
23	Solid	BC - Bare Copper	6.1 mm	4

Total Number of Pairs:	4
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#### Insulation

Material
PE - Polyethylene

#### Inner Jacket

Material
No Jacket

#### Outer Jacket

Material	Nominal Diameter
PVC - Polyvinyl Chloride	6.1 mm

Wiring Scheme:	T568A/B-T568A/B
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Packaging:	Individually packaged in a clear plastic bag.
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### Connectors

#### Materials

Description	Material	Type
Plug	Polycarbonate	RJ45
Boot	PVC	Snagless
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	Blades

### Construction and Dimensions

#### Cabling

Filler
Cross Web

### Electrical Characteristics

Dielectric Strength:	2.5 kV DC
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Current Rating:	1 A
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Insulation Resistance:	5000 MOhm*km
Max Contact Resistance:	20 mOhm

#### Voltage

<b>Voltage Rating [V]</b>
72 V DC

Performance Footnote1:	There is 1dB margin on NEXT and RL guaranteed compared to ISO/IEC 11801-1:2017
Performance Footnote2:	The performance data below 4Mhz or above 500Mhz are for information only.

#### Temperature Range

Installation Temperature Range:	0°C To +50°C
Operating Temperature Range:	-20°C to +60°C

#### Mechanical Characteristics

Min Bend Radius (Overall Cable):	25 mm
Plug /Jack Compatibility:	RJ45

#### Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

#### Standards

ISO/IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6
TIA/EIA Compliance:	ISO/IEC 11801-1:2017; EN 50173-1 Amd 1 Category 6; ANSI/TIA/EIA 568 C.2 Category 6

#### Applicable Environmental and Other Programs

Environmental Space:	Indoor Rated (Not Riser or Plenum)
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#### Suitability

Suitability - Indoor:	Yes
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#### Related Part Numbers

Related Parts:	CAT6+ Modular Jacks, CAT6+ Patch Panels
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#### Variants

Item #	Color	Length
C699100001M	Black	1 m
C699100002M	Black	2 m
C699100004M	Black	4 m
C699100005M	Black	5 m
C699100007M	Black	7 m
C699100010M	Black	10 m
C699100011M	Black	11 m
C6991000D5M	Black	0.5 m
C6991000D6M	Black	0.6 m
C6991000D9M	Black	0.9 m
C6991001D2M	Black	1.2 m
C6991001D8M	Black	1.8 m
C6991002D1M	Black	2.1 m
C6991002D4M	Black	2.4 m
C6991002D7M	Black	2.7 m
C6991003D4M	Black	3.4 m
C6991003D7M	Black	3.7 m
C6991004D3M	Black	4.3 m
C6991004D6M	Black	4.6 m
C6991004D9M	Black	4.9 m
C6991005D2M	Black	5.2 m
C6991005D5M	Black	5.5 m
C6991005D8M	Black	5.8 m
C6991006D1M	Black	6.1 m

C6991006D4M	Black	6.4 m
C6991006D7M	Black	6.7 m
C6991007D3M	Black	7.3 m
C6991007D6M	Black	7.6 m
C6991007D9M	Black	7.9 m
C6991008D5M	Black	8.5 m
C6991009D1M	Black	9.1 m
C6991009D8M	Black	9.8 m
C699106001M	Blue	1 m
C699106002M	Blue	2 m
C699106003M	Blue	3 m
C699106005M	Blue	5 m
C699106010M	Blue	10 m
C699106011M	Blue	11 m
C699106020M	Blue	20 m
C699106025M	Blue	25 m
C6991060D5M	Blue	0.5 m
C6991060D6M	Blue	0.6 m
C6991060D9M	Blue	0.9 m
C6991061D2M	Blue	1.2 m
C6991061D3M	Blue	1.3 m
C6991061D5M	Blue	1.5 m
C6991061D8M	Blue	1.8 m
C6991062D1M	Blue	2.1 m
C6991062D4M	Blue	2.4 m
C6991062D7M	Blue	2.7 m
C6991063D4M	Blue	3.4 m
C6991063D7M	Blue	3.7 m
C6991064D3M	Blue	4.3 m
C6991064D6M	Blue	4.6 m
C6991065D2M	Blue	5.2 m
C6991066D1M	Blue	6.1 m
C6991067D6M	Blue	7.6 m
C6991067D9M	Blue	7.9 m
C6991069D1M	Blue	9.1 m
C699108001M	Gray	1 m
C699108002M	Gray	2 m
C699108003M	Gray	3 m
C699108004M	Gray	4 m
C699108005M	Gray	5 m
C699108007M	Gray	7 m
C699108010M	Gray	10 m
C699108011M	Gray	11 m
C699108014M	Gray	14 m
C699108021M	Gray	21 m
C699108075M	Gray	75 m
C6991080D5M	Gray	0.5 m
C6991080D6M	Gray	0.6 m
C6991080D9M	Gray	0.9 m
C6991081D2M	Gray	1.2 m
C6991081D5M	Gray	1.5 m
C6991081D8M	Gray	1.8 m
C6991082D1M	Gray	2.1 m
C6991082D4M	Gray	2.4 m
C6991082D7M	Gray	2.7 m
C6991083D4M	Gray	3.4 m
C6991083D7M	Gray	3.7 m
C6991084D3M	Gray	4.3 m
C6991084D6M	Gray	4.6 m
C6991084D9M	Gray	4.9 m
C6991085D2M	Gray	5.2 m

C6991085D5M	Gray	5.5 m
C6991085D8M	Gray	5.8 m
C6991086D1M	Gray	6.1 m
C6991086D7M	Gray	6.7 m
C6991087D3M	Gray	7.3 m
C6991087D6M	Gray	7.6 m
C6991087D9M	Gray	7.9 m
C6991088D5M	Gray	8.5 m
C6991089D1M	Gray	9.1 m
C6991089D8M	Gray	9.8 m
C699108015M	Gray	15 m
C699105001M	Green	1 m
C699105002M	Green	2 m
C699105003M	Green	3 m
C699105004M	Green	4 m
C699105005M	Green	5 m
C699105010M	Green	10 m
C699105020M	Green	20 m
C6991050D5M	Green	0.5 m
C6991050D6M	Green	0.6 m
C6991050D9M	Green	0.9 m
C6991051D2M	Green	1.2 m
C6991051D5M	Green	1.5 m
C6991051D8M	Green	1.8 m
C6991052D1M	Green	2.1 m
C6991052D4M	Green	2.4 m
C6991052D7M	Green	2.7 m
C6991053D4M	Green	3.4 m
C6991053D7M	Green	3.7 m
C6991054D3M	Green	4.3 m
C6991054D6M	Green	4.6 m
C6991055D5M	Green	5.5 m
C6991056D1M	Green	6.1 m
C6991057D3M	Green	7.3 m
C6991057D6M	Green	7.6 m
C6991059D1M	Green	9.1 m
C699102001M	Red	1 m
C699102002M	Red	2 m
C699102003M	Red	3 m
C699102004M	Red	4 m
C699102005M	Red	5 m
C699102010M	Red	10 m
C6991020D5M	Red	0.5 m
C6991020D6M	Red	0.6 m
C6991020D9M	Red	0.9 m
C6991021D2M	Red	1.2 m
C6991021D5M	Red	1.5 m
C6991021D8M	Red	1.8 m
C6991022D1M	Red	2.1 m
C6991022D4M	Red	2.4 m
C6991022D7M	Red	2.7 m
C6991023D4M	Red	3.4 m
C6991023D7M	Red	3.7 m
C6991024D3M	Red	4.3 m
C6991024D6M	Red	4.6 m
C6991026D1M	Red	6.1 m
C6991027D6M	Red	7.6 m
C6991029D1M	Red	9.1 m
C699107002M	Violet	2 m
C699109001M	White	1 m
C699109002M	White	2 m

C699109003M	White	3 m
C699109004M	White	4 m
C699109005M	White	5 m
C699109010M	White	10 m
C6991090D5M	White	0.5 m
C6991090D6M	White	0.6 m
C6991090D9M	White	0.9 m
C6991091D2M	White	1.2 m
C6991091D5M	White	1.5 m
C6991091D8M	White	1.8 m
C6991092D1M	White	2.1 m
C6991092D4M	White	2.4 m
C6991092D7M	White	2.7 m
C6991093D4M	White	3.4 m
C6991093D7M	White	3.7 m
C6991094D3M	White	4.3 m
C6991094D6M	White	4.6 m
C6991094D9M	White	4.9 m
C6991095D2M	White	5.2 m
C6991095D5M	White	5.5 m
C6991095D8M	White	5.8 m
C6991096D1M	White	6.1 m
C6991097D3M	White	7.3 m
C6991097D6M	White	7.6 m
C6991098D2M	White	8.2 m
C6991099D1M	White	9.1 m
C6991094D2M	White	4.2 m
C699104001M	Yellow	1 m
C699104002M	Yellow	2 m
C699104003M	Yellow	3 m
C699104004M	Yellow	4 m
C699104005M	Yellow	5 m
C699104010M	Yellow	10 m
C6991040D5M	Yellow	0.5 m
C6991040D6M	Yellow	0.6 m
C6991040D9M	Yellow	0.9 m
C6991041D2M	Yellow	1.2 m
C6991041D5M	Yellow	1.5 m
C6991041D8M	Yellow	1.8 m
C6991042D1M	Yellow	2.1 m
C6991042D4M	Yellow	2.4 m
C6991042D7M	Yellow	2.7 m
C6991043D7M	Yellow	3.7 m
C6991044D3M	Yellow	4.3 m
C6991044D6M	Yellow	4.6 m
C6991044D9M	Yellow	4.9 m
C6991045D2M	Yellow	5.2 m
C6991045D5M	Yellow	5.5 m
C6991046D1M	Yellow	6.1 m
C6991046D7M	Yellow	6.7 m
C6991047D3M	Yellow	7.3 m
C6991047D6M	Yellow	7.6 m
C6991047D9M	Yellow	7.9 m
C6991048D5M	Yellow	8.5 m
C6991049D1M	Yellow	9.1 m

**History**

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