



Product: [10GX UTP PVC PATCH CORDS](#)



10GX Patch Cord UTP PVC

Product Description

10GX Copper Patch Cord UTP PVC

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6a and 6 applications, such as: 10GBase-T (10 Gigabit Ethernet), 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
26	Stranded	BC - Bare Copper	6.1 mm	4

Total Number of Pairs:	4
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Insulation

Material
PE - Polyethylene (Foam)

Inner Shield

Element	Type	Material
Floating Shielded Pair	Tape	Bi-Laminate (Alum+Poly)

Inner Jacket

Material
No Jacket

Outer Shield

Type	Material	Coverage [%]
Braid	Tinned Copper (TC)	30%

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

Electrical Characteristics

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

Voltage

Voltage Rating [V]
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 6A
TIA/EIA Compliance:	ISO/IEC 11801-1:2017; EN 50173-1 Amd 1 Caregory 6A; ANSI/TIA/EIA 568 C.2 Category 6A

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:	10GX Modular Jacks, 10GX Patch Panels
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Variants

Item #	Color	Length
CA99100001M	Black	1 m
CA99100002M	Black	2 m
CA99100003M	Black	3 m
CA99100004M	Black	4 m
CA99100005M	Black	5 m
CA99100010M	Black	10 m
CA991000D5M	Black	0.5 m
CA991000D6M	Black	0.6 m
CA991000D9M	Black	0.9 m
CA991001D2M	Black	1.2 m
CA991001D5M	Black	1.5 m
CA991001D8M	Black	1.8 m
CA991002D1M	Black	2.1 m
CA991002D4M	Black	2.4 m
CA991002D7M	Black	2.7 m
CA991003D4M	Black	3.4 m
CA991003D7M	Black	3.7 m
CA991004D3M	Black	4.3 m
CA991004D6M	Black	4.6 m
CA991006D1M	Black	6.1 m

CA991007D6M	Black	7.6 m
CA991009D1M	Black	9.1 m
CA99106001M	Blue	1 m
CA99106002M	Blue	2 m
CA99106003M	Blue	3 m
CA99106004M	Blue	4 m
CA99106005M	Blue	5 m
CA99106006M	Blue	6 m
CA99106008M	Blue	8 m
CA99106010M	Blue	10 m
CA99106012M	Blue	12 m
CA99106016M	Blue	16 m
CA99106020M	Blue	20 m
CA991060D5M	Blue	0.5 m
CA991060D6M	Blue	0.6 m
CA991060D9M	Blue	0.9 m
CA991061D2M	Blue	1.2 m
CA991061D5M	Blue	1.5 m
CA991061D8M	Blue	1.8 m
CA991062D1M	Blue	2.1 m
CA991062D4M	Blue	2.4 m
CA991062D7M	Blue	2.7 m
CA991063D7M	Blue	3.7 m
CA991064D6M	Blue	4.6 m
CA991066D1M	Blue	6.1 m
CA991067D6M	Blue	7.6 m
CA991069D1M	Blue	9.1 m
CA99108001M	Gray	1 m
CA99108002M	Gray	2 m
CA99108003M	Gray	3 m
CA99108005M	Gray	5 m
CA99108010M	Gray	10 m
CA99108012M	Gray	12 m
CA99108020M	Gray	20 m
CA991080D5M	Gray	0.5 m
CA991080D6M	Gray	0.6 m
CA991080D9M	Gray	0.9 m
CA991081D2M	Gray	1.2 m
CA991081D5M	Gray	1.5 m
CA991081D8M	Gray	1.8 m
CA991082D1M	Gray	2.1 m
CA991082D4M	Gray	2.4 m
CA991082D7M	Gray	2.7 m
CA991083D7M	Gray	3.7 m
CA991086D1M	Gray	6.1 m
CA991087D6M	Gray	7.6 m
CA991089D1M	Gray	9.1 m
CA99105001M	Green	1 m
CA99105002M	Green	2 m
CA99105003M	Green	3 m
CA99105005M	Green	5 m
CA99105010M	Green	10 m
CA99105012M	Green	12 m
CA99105016M	Green	16 m
CA99105020M	Green	20 m
CA991050D5M	Green	0.5 m
CA991050D6M	Green	0.6 m
CA991050D9M	Green	0.9 m
CA991051D2M	Green	1.2 m
CA991051D5M	Green	1.5 m
CA991051D8M	Green	1.8 m

CA991052D1M	Green	2.1 m
CA991052D4M	Green	2.4 m
CA991052D7M	Green	2.7 m
CA991053D7M	Green	3.7 m
CA991054D6M	Green	4.6 m
CA991056D1M	Green	6.1 m
CA991057D6M	Green	7.6 m
CA991059D1M	Green	9.1 m
CA99105008M	Green	8 m
CA99103001M	Orange	1 m
CA99103002M	Orange	2 m
CA99103003M	Orange	3 m
CA99103005M	Orange	5 m
CA99103010M	Orange	10 m
CA991031D5M	Orange	1.5 m
CA99103008M	Orange	8 m
CA99102001M	Red	1 m
CA99102002M	Red	2 m
CA99102003M	Red	3 m
CA99102005M	Red	5 m
CA99102010M	Red	10 m
CA99102012M	Red	12 m
CA99102016M	Red	16 m
CA99102020M	Red	20 m
CA991020D5M	Red	0.5 m
CA991020D6M	Red	0.6 m
CA991020D9M	Red	0.9 m
CA991021D2M	Red	1.2 m
CA991021D5M	Red	1.5 m
CA991021D8M	Red	1.8 m
CA991022D1M	Red	2.1 m
CA991022D4M	Red	2.4 m
CA991022D7M	Red	2.7 m
CA991023D7M	Red	3.7 m
CA991024D6M	Red	4.6 m
CA991026D1M	Red	6.1 m
CA991027D6M	Red	7.6 m
CA991029D1M	Red	9.1 m
CA99102008M	Red	8 m
CA99107001M	Violet	1 m
CA99107002M	Violet	2 m
CA99107003M	Violet	3 m
CA99107005M	Violet	5 m
CA99107010M	Violet	10 m
CA99107008M	Violet	8 m
CA99109001M	White	1 m
CA99109002M	White	2 m
CA99109003M	White	3 m
CA99109005M	White	5 m
CA99109010M	White	10 m
CA991090D5M	White	0.5 m
CA991090D6M	White	0.6 m
CA991090D9M	White	0.9 m
CA991091D2M	White	1.2 m
CA991091D5M	White	1.5 m
CA991091D8M	White	1.8 m
CA991092D1M	White	2.1 m
CA991092D4M	White	2.4 m
CA991092D7M	White	2.7 m
CA991093D7M	White	3.7 m
CA991094D6M	White	4.6 m

CA991096D1M	White	6.1 m
CA991097D6M	White	7.6 m
CA991099D1M	White	9.1 m
CA99104001M	Yellow	1 m
CA99104002M	Yellow	2 m
CA99104003M	Yellow	3 m
CA99104005M	Yellow	5 m
CA99104008M	Yellow	8 m
CA99104010M	Yellow	10 m
CA99104012M	Yellow	12 m
CA99104020M	Yellow	20 m
CA991040D5M	Yellow	0.5 m
CA991040D6M	Yellow	0.6 m
CA991040D9M	Yellow	0.9 m
CA991041D2M	Yellow	1.2 m
CA991041D5M	Yellow	1.5 m
CA991041D8M	Yellow	1.8 m
CA991042D1M	Yellow	2.1 m
CA991042D4M	Yellow	2.4 m
CA991042D7M	Yellow	2.7 m
CA991043D7M	Yellow	3.7 m
CA991044D6M	Yellow	4.6 m
CA991046D1M	Yellow	6.1 m
CA991047D6M	Yellow	7.6 m
CA991049D1M	Yellow	9.1 m

History

Update and Revision:	Revision Number: 0.148 Revision Date: 05-31-2023
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