



**Product:** [10GX UTP LSZH RFID PATCH CORDS](#)

10GX RFID Patch Cord UTP LSZH



**Product Description**

10GX Copper RFID Patch Cord UTP LSZH

**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, PoE ++ IEEE 802.3 bt type 3 and type 4 is applicable for max. 10m patch cord applications
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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
Braid	Tinned Copper (TC)

**Outer Jacket**

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	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	LSZH	Snagless
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	Blades
RFID		RFID in tag holder

Table Notes:	RFID's paired: code PPRFIDPRG-MUB50
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## 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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## Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-3-22
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## Related Part Numbers

Related Parts:	10GX Modular Jacks, 10GX Patch Panels, PPRFID-MU
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### Variants

Item #
CA24106001MID

## History

Update and Revision:	Revision Number: 0.16 Revision Date: 12-19-2023
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