



**Product:** [10GX S/FTP LSZH RFID PATCHCORD](#)

10GX RFID Patch Cord S/FTP LSZH



### Product Description

10GX Copper RFID Patch Cord S/FTP 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

##### Insulation

Material
PE - Polyethylene (Foam)

##### Inner Shield

Element	Type	Material
Individual 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

Packaging: Individually packaged in a clear plastic bag.

#### Connectors

##### Materials

Description	Material	Color	Type
Plug	Polycarbonate		RJ45
Boot	LSZH		Snagless
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating		Blades
RFID		Black	RFID in tag holder

Table Notes: RFID's paired: code PPRFIDPRG-MUB50

## 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 Shielded Modular Jacks, 10GX shielded Patch Panels, PPRFID-MU
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### Variants

Item #	Color	Length
CAE4106001MID	Blue	1 m

## History

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