IMAGE COMING SOON

Part Number: 10GX S/FTP LSZH PATCH CORDS

10GX Patch Cord S/FTP LSZH

Product Description
10GX Copper Patch Cord S/FTP LSZH

Technical Specifications

Product Overview

Environmental Space:	Indoor Rated (Not Riser or Plenum)
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

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
26	Stranded	Copper	6.1 mm	4

Total Number of Pairs:	4
Conductor Size:	26 AWG

Insulation

Material
FPE - Foamed Polyethylene

Inner Shield Material

Element	Type	Material
Individual shielded pair	Tape	Laminated aluminum-polyester

Inner Jacket Material

Material
No inner Jacket

Outer Shield Material

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	30 %

Outer Jacket Material

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen	6.1 mm

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

Connectors

Materials

Description	Material	Type
Plug	Polycarbonate	RJ45
Boot	LSZH	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
Shielding:	S/FTP - Foil Screened Twisted Pairs

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 Temp Range:	0°C To +50°C
Operating Temp 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 11801-1:2017
Data Category:	Category 6A
Telecommunications Standards:	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

EU RoHS Compliance Date (yyyy-mm-dd):	2013-01-25

Suitability

Suitability - Indoor:	Yes

Part Number

Related Parts:	10GX Shielded Modular Jacks, 10GX shielded Patch Panels

Variants

Item #	Color	Length
CAE4100001M	Black	1 m
CAE4100002M	Black	2 m
CAE4100003M	Black	3 m
CAE4100005M	Black	5 m
CAE4100010M	Black	10 m
CAE4100020M	Black	20 m
CAE41000D5M	Black	0.5 m
CAE41001D5M	Black	1.5 m
CAE4106001M	Blue	1 m
CAE4106002M	Blue	2 m
CAE4106003M	Blue	3 m
CAE4106005M	Blue	5 m
CAE4106006M	Blue	6 m
CAE4106007M	Blue	7 m
CAE4106008M	Blue	8 m
CAE4106008Y	Blue	0.21 m
CAE4106009M	Blue	9 m
CAE4106010M	Blue	10 m
CAE4106012M	Blue	12 m
CAE4106015M	Blue	15 m

CAE4106018M	Blue	18 m
CAE4106021M	Blue	21 m
CAE4106024M	Blue	24 m
CAE4106027M	Blue	27 m
CAE4106030M	Blue	30 m
CAE41060D5M	Blue	0.5 m
CAE41061D5M	Blue	1.5 m
CAE4108001M	Gray	1 m
CAE4108002M	Gray	2 m
CAE4108003M	Gray	3 m
CAE4108005M	Gray	5 m
CAE4108007M	Gray	7 m
CAE4108008Y	Gray	0.21 m
CAE4108010M	Gray	10 m
CAE4108015M	Gray	15 m
CAE4108050M	Gray	50 m
CAE41080D5M	Gray	0.5 m
CAE4105001M	Green	1 m
CAE4105002M	Green	2 m
CAE4105003M	Green	3 m
CAE4105005M	Green	5 m
CAE4105010M	Green	10 m
CAE4105025M	Green	25 m
CAE41050D5M	Green	0.5 m
CAE4103001M	Orange	1 m
CAE4103002M	Orange	2 m
CAE4103003M	Orange	3 m
CAE4103005M	Orange	5 m
CAE4103007M	Orange	7 m
CAE4103015M	Orange	15 m
CAE4103025M	Orange	25 m
CAE4102001M	Red	1 m
CAE4102002M	Red	2 m
CAE4102003M	Red	3 m
CAE4102005M	Red	5 m
CAE4102008Y	Red	0.21 m
CAE4102010M	Red	10 m
CAE4102025M	Red	25 m
CAE41020D5M	Red	0.5 m
CAE4107002M	Violet	2 m
CAE4109001M	White	1 m
CAE4109002M	White	2 m
CAE4109003M	White	3 m
CAE4109005M	White	5 m
CAE4109008M	White	8 m
CAE4109010M	White	10 m
CAE4109015M	White	15 m
CAE4109020M	White	20 m
CAE4109025M	White	25 m
CAE41090D5M	White	0.5 m
CAE4104001M	Yellow	1 m
CAE4104002M	Yellow	2 m
CAE4104003M	Yellow	3 m
CAE4104005M	Yellow	5 m
CAE4104010M	Yellow	10 m
CAE41040D5M	Yellow	0.5 m