10GbE Fiber Ethernet Media Converter for 10Gbps Network 10GBASE-T SFP to RJ45 Multigigabit Singlemode/Multimode Fiber Optic to Copper Network Ethernet to Fiber Bridge

Product ID: MCM10GSFP

This Ethernet fiber media converter offers an easy, cost-effective way to extend your network over fiber, using the SFP+ of your choice. It converts a copper RJ45 Ethernet connection to 10 Gigabit fiber, to extend your network over longer distances or connect workstations to switches.

The RJ45 to fiber media converter provides a cost-efficient way to connect an Ethernet network to remote devices over a fiber backbone. It features an open SFP+ slot that supports the MSA-compliant 10 Gigabit SFP+ that best suits your fiber connection setup (single mode/multimode) and distance requirements.

The 10Gb fiber media converter supports auto-negotiation while providing versatile connectivity to existing networks and devices, maximizing the usage and performance of legacy equipment.

• 10GBASE-ER

• 10GBASE-LR

• 10GBASE-LW

• 10GBASE-EW

• 10GBASE-R

• 10GBASE-SR

• 10GBASE-SW

• 10GBASE-T

The unmanaged fiber media converter has a standalone compact design with simple plug-and-play setup to ensure fast and easy installation.

Overcome the distance limitations of traditional network cables with StarTech.com fiber media converters. Our converters connect different types of network cabling and help you extend networks between buildings and over longer distances. Whether you need to extend a network connection 550 m or 40 km, we can help you. The MCM10GSFP Ethernet Fiber Media Converter is backed by a StarTech.com 2-year warranty and free North American based multilingual lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Campuses

• Businesses

• Government facilities

• Stadiums

• Areas requiring network access

Features

• FIBER ETHERNET MEDIA CONVERTER: Extends & converts 10Gbps fiber to RJ45 copper; Supports multimode & single mode fiber connections & a wide variety of fiber protocols depending on SFP+ module used

• DEPLOY REMOTELY: Plug-and-play for copper to fiber or fiber to copper Ethernet network conversion with open SFP+ slot for any MSA Compliant SFP+ module; can be deployed by non-technical staff

• TECH SPECS: 10 Gbps; 10GBASE-T; Unmanaged; LFP; SMF & MMF; Full Duplex; RJ45; Mountable; Power adapter incl.; Open SFP+

• RELIABLE & DURABLE DESIGN: External steel housing with ESD Surge Protection; Contact and Air Discharge Protection. MTBF rating exceeds 38,400 hrs

• TESTED & PROVEN: This multigigabit media converter is backed by a StarTech.com 2-year warranty and free lifetime 24/5 multilingual Technical Advisors to support deployments across all time zones.

Hardware

	Warranty	2 Years
	PoE	No
	Industry Standards	IEEE 802.3ae 10GBASE-ER

IEEE 802.3ae 10GBASE-LR

IEEE 802.3ae 10GBASE-LW

IEEE 802.3ae 10GBASE-EW

IEEE 802.3ae 10GBASE-R

IEEE 802.3ae 10GBASE-SR

IEEE 802.3ae 10GBASE-SW

IEEE 802.3ae 10GBASE-T

Performance

Type	Single Mode / Multi Mode
Fiber Operating Mode	Full-Duplex
Remote Management Ability	No
Compatible Networks	10 Gbps
Auto-Negotiation	Yes
Auto MDIX	Yes
Jumbo Frame Support	9K max.
MTBF	38400 hours

Connector(s)

Connector A	1 - RJ-45
Connector B	1 - SFP+

Indicators

LED Indicators	1 - Power
	1 - Link

Power

Power Source	AC Adapter Included
Input Current	2.5A

	Output Voltage	5 DC
	Output Current	2A
	Center Tip Polarity	Positive
	Plug Type	M

Environmental

	Operating Temperature	0C to 70C (32F to 158C)
	Storage Temperature	-40C to 120C (-40F to 248F)
	Humidity	10% ~ 90%

Physical Characteristics

	Color	Black
	Material	Aluminum
	Product Length	4.8 in [12.2 cm]
	Product Width	3.1 in [8.0 cm]
	Product Height	1.2 in [3.0 cm]
	Weight of Product	9.7 oz [274.0 g]

Packaging Information

	Package Quantity	1
	Package Length	8.1 in [20.7 cm]
	Package Width	5.7 in [14.4 cm]
	Package Height	1.5 in [3.8 cm]
	Shipping (Package) Weight	12.4 oz [350.0 g]

What's in the Box

	Included in Package	1 - Media Converter
		1 - Universal Power Adapter (NA/JP, UK, EU, ANZ)
		1 - Instruction Manual