

STARCONVERT

Convert Multimode to Singlemode

-  Transforms MMF to SMF
-  Plug-and-Play
-  Up to 400Gbps
-  Passive

STARCONVERT by Starview Technologies is an innovative solution that enables Singlemode transmission over Multimode Fiber (MMF) infrastructure. This plug-and-play device boosts network performance and capacity without the need for costly cabling replacements, making it an ideal choice for data centers, building interconnections, and high-speed networking.



Advanced Technology



Simple Integration



Immediate Upgrade



Advanced Technology

Utilizes state-of-the-art technology to focus Singlemode laser light over MMF, enabling high-speed transmission.

Simple Integration

Comes pre-assembled in a 19" rack-mountable chassis with up to 12 STARCONVERT modules, appearing as a standard patch panel.

Immediate Upgrade

Converts existing MMF into Singlemode transmission effortlessly, boosting your network's capabilities instantly.

Why STARCONVERT?

1 Maximize Existing Infrastructure

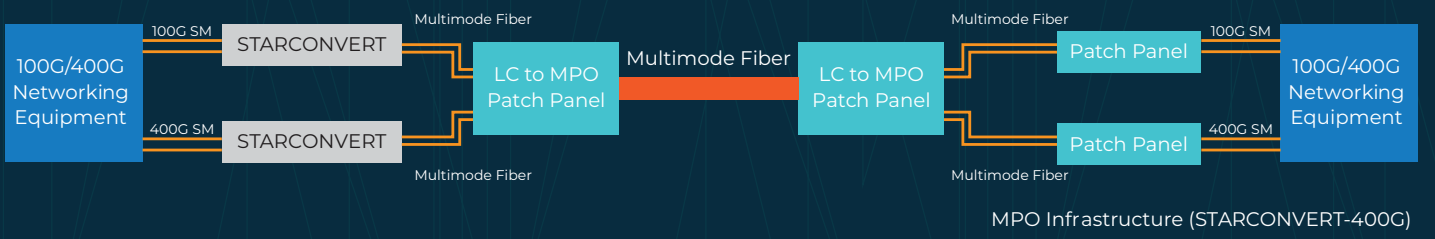
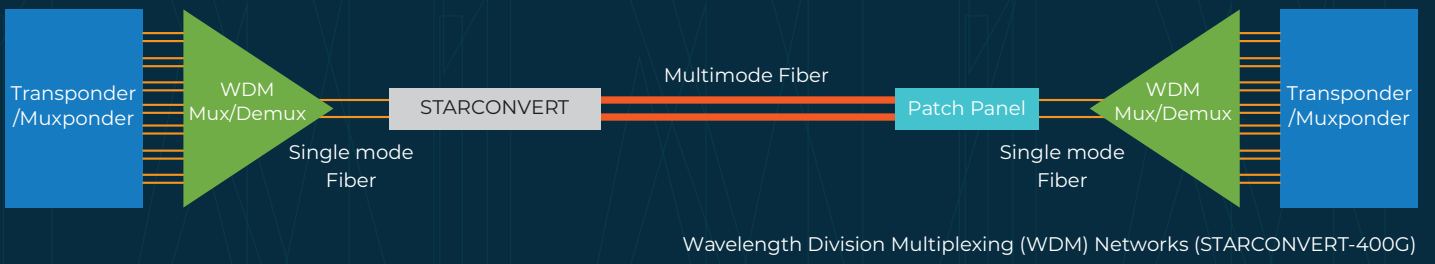
Upgrade your Multimode Fiber (MMF) to Singlemode transmission without the cost and hassle of replacing cabling.

2 Boost Performance

Enhance bandwidth and capacity, ensuring your network can handle higher data rates and demanding applications.

3 Cost-Effective

Saves time and cost on expensive labour by utilizing your existing fiber optic infrastructure.



Convert Your MMF Infrastructure Easily

Where Can You Use STARCONVERT?

Building Interconnections:

Ideal for converting existing MMF into Singlemode transmission for any data rates between 1Gbps to 100Gbps

Wavelength Division Multiplexing Infrastructure:

Upgrade your infrastructure with CWDM/ DWDM to maximise the capacity of the MMF infrastructure

High-Speed Networking:

Suitable for enhancing Singlemode interfaces of 100G/400G networking equipment via MMF infrastructure.

Features

- 19" Rack Mountable chassis
- Plug and Play Passive Solution
- Converts multimode fibers into single mode
- Compatible with any type of multimode fibers
- Increase bandwidth of existing multimode fiber
- Savings in Costs, Time, and Resources

Applications

- High speed over multimode transmission
- Data Center interconnectivity
- Existing fiber infrastructure in older building

Specifications

SV-STARCONVERT-CHASSIS-19R	
Connectors	LC/UPC
Dimensions	485mm x 230mm x 44.5 mm (L x W x H)
Weight	3.0kg
Operating Temperature	-40°C to 75°C
Operating Humidity	10% to 95% (non-condensing)
Storage Temperature	-40°C to 85°C

SV-STARCONVERT-100G	
Bandwidth	1Gbps to 100 Gbps
Application	Single device
Type of fiber	Any type of multimode fiber: 62.5/125 µm (OM1) or 50/125 µm (OM2/OM3/OM4/OM5)
Protocol and network	Transparent
Insertion loss	<2dB
Distance	Up to 550m
Wavelength	1250nm – 1600nm

SV-STARCONVERT-400G	
Bandwidth	1Gbps to 400 Gbps
Application	Single device, CWDM or DWDM
Type of fiber	Any type of multimode fiber: 62.5/125 µm (OM1) or 50/125 µm (OM2/OM3/OM4/OM5)
Protocol and network	Transparent
Insertion loss per link	<2.5dB
Distance	Up to 750m *
Wavelength	1250nm – 1600nm

* Specifications may be affected by multimode fiber type and no of connections in between. Contact sales@starviewtech.net for your configurations.

Ordering Information

STARCONVERT requires to work in a pair

SV-STARCONVERT-CHASSIS-19R	Starview 19" Rack Mountable 1RU chassis with pre-assembled STARCONVERT product * Choose min quantity 1 to max quantity 12 of any options in 1 x CHASSIS-19R
SV-STARCONVERT-100G	Starview STARCONVERT, Converts TX multimode fiber into single-mode of data rate from 1G to 100Gbps, distance up to 550m
SV-STARCONVERT-400G	Starview STARCONVERT, Converts 1 pair (TX + RX) multimode fiber into 1 pair (TX + RX) single-mode of data rate from 1G to 400Gbps, distance up to 750m