

STARCONVERT

Use your existing multimode fiber like a single mode fiber

Introducing our new **STARCONVERT**, that allows high-speed transmission over existing Multimode fiber. STARCONVERT converts existing multimode fibers into single mode, and boost the bandwidth of the existing fiber. It can upgrade any type of multimode fibers (62.5um/125um or 50um/125um) within your fiber infrastructure. The connectivity yields immediate result, and there is no configuration nor training required. The device is a simple plug-and-play equipment, and is compatible with any transmission protocol.



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

Application

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



Technical Parameters

Item	Description
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
SV-STARCONVERT-CHASSIS-19R	
Connectors	LC/UPC
Dimensions	485mm x 230mm x 44.5 mm (L x W x H)
Weight	3kg
Operating Temperature	-40 to 75°C
Operating Humidity	10% to 95% (non-condensing)
Storage Temperature	-40 to 85°C

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

Ordering Info*

Item	Description
SV-STARCONVERT-CHASSIS-19R	Starview 19" Rack Mountable 1RU chassis with pre-assembled STARCONVERT product
Options	<i>Choose min quantity 1 to max quantity 12 of any options in 1 x CHASSIS-19R</i>
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
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*STARCONVERT requires to work in a pair