

## Product introduction

XYT-1000 series OEO converters are used for re-amplifying and re-shaping the signals in the transmission process. It can save optical fiber resources and networking cost effectively, and solves the problem that the transmission distance is too long to transmit. With advantages of small volume optical signal, economy and safety, convenient construction and etc, it is widely used in various optical transmission fields and long-distance trunk transmission.

Fiber-to-Fiber media converters extend network distance by converting wavelengths (1310 to 1550), amplifying optical power. Transponders as re-generators are also an optical – electrical – optical (O-E-O) converter with electrical amplification of the signal by FEC to realize long distances fiber transmission.

XYT transponders are protocol and rate-transparent fiber media converters that support SFP, SFP+ and XFP transceivers with data rates up to 10Gbps, and our transponders provide seamless integration of different fiber types by converting multi-mode fiber to single-mode fiber, and dual fiber to single-fiber.

Chassis is a 19-inch rack mountable conversion center, capable of serving up to 16 FHC media conversion modules. In addition to the internal power supply, a back up supply is available as an optional extra. This unit and all FHC conversion modules are CE and FCC-Class approved and they also conform to CCITT specifications.

## Features

1. Versatile chassis for multiple converter installations
2. Fourteen/Sixteen front panel slots for FHC Media Converters
3. 19-inch Rack Mount
4. Optional redundant power supply
5. Plug and Play Operation
6. LED Indication for Primary and Secondary Power Supplies
7. LED Indication for Converters
8. Metal Case

**Application**

1. Conversion between Multi-mode and Single-mode
2. Conversion between Dual fiber and Single fiber
3. Conversion between different wavelength

**Specification**

Diagnostic LED	MB,MN
Safety Standards	UL,CSA,FCC Part 15 Class B,CE
Number of Ports	14/16 slots for FHC-1000 Series media converter
Dimension	294*283*100 mm(WxDxH)
Weight	5 Kg(Net Weight)
	Power:Input100-240V,150W,50-60Hz
	Redundant Power(Optional):Input100-240V,150W,50-60Hz
Operating,Power,Environment	Operating Temperature:0oC-+50oC
	Storage Temperature:-40oC-+70oC
	Humidity:5-90%non condensing

**Ordering Information**

XYT-OEO Device type	Rate	Interface Type	Distance	relay	Wavelength
1=Card	0=155M			X1=Left to	
2=individua	1=1.25G			X2=Right to	
(AC220V)	2=2.5G	1=LC	1=40KM		XX/XX=custom
3=individua	3=10G	2=SC	2=60KM		Example:31/55=1310nm/1550nm
(DC-48V)	4=40G	3=FC	3=80KM		
4=individua	X=Customize		4=100KM		
(DC-24V)			5=120KM		