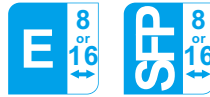


ET8181/ET161161 Series

Rack-mount 8/16-port 10/100Base-TX to 8/16-port 100Base-FX SFP Ethernet Media Converter



Features

General

- ▶ 19" 1U Rack-mount
- ▶ Converts 10/100Base-TX to 100Base-FX SFP
- ▶ Supports Full/Half duplex, Auto Negotiation
- ▶ Supports Auto MDI/MDI-X
- ▶ Supports external SFP
- ▶ AC Power input
- ▶ -10°C to 60°C (14°F to 140°F) operating temperature

Warranty

- ▶ 3-Year Warranty

Ordering Information

Model	Description
ET8181-S	Rack-mount 8-port 10/100Base-TX to 8-port 100Base-FX SFP Ethernet Media Converter
ET161161-S	Rack-mount 16-port 10/100Base-TX to 16-port 100Base-FX SFP Ethernet Media Converter
SFP Options	■ (S) = SFP option. Please select your SFP option on our SFP Options Page.
Mounting Options	■ 19" 1U Rack Mount.
Power Options	■ 90~264VAC input

NOTES: (1) Please feel free to consult factory for any special requirement and customization

Media Converter

Specifications

Ethernet

Standards:	IEEE802.3 10Base-T IEEE802.3u 100Base-TX/FX
Processing Type:	Half-duplex, Full-duplex
Forward Filter Rate:	14,880pps (10Mbps) 148,800pps (100Mbps)
Cabling:	10Base-T: Cat5 or above 100Base-TX: Cat5 or above
Packet Buffer Memory:	128K bits
Max Packet Length:	1600 Bytes

Interface

Connector:	
10/100TX:	8 ^{#1} /16 ^{#2} x RJ45
100FX:	8 ^{#1} /16 ^{#2} x SFP
LED Indicators:	
Power:	Power Status
10/100TX(Per Port):	Link/Activity, Speed
100FX(Per Port):	Link

Electrical and Mechanical

Input Power:	100~240VAC, 50/60Hz
Power Consumption:	100mA ^{#1} / 200mA ^{#2} @220VAC
Dimensions (WxDxH):	433 x 250 x 44 mm
Weight:	1.5 ^{#1} /2 ^{#2} Kg
Casing:	Metal case
Mounting Options:	Rack Mount

Environmental

Operating Temperature:	-10°C to 60°C (14°F to 140°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Relative Humidity:	0% to 95% (non-condensing)

Regulatory Approvals

ISO9001
FCC Part 15, Class A
EN55022
Surge Protection:
RJ45: 1kv
Power: 0.5kv

^{#1} ET8181 Series

^{#2} ET161161 Series



OT Systems Ltd., May 2014

Due to continuous improvement, all product specifications are subject to change without further notice.



All Digital Fiber Optic Manufacturing Specialist