

MCM-3200 Fiber Mode Converter

PAMIX Fiber mode converter manufactured to be used in rarely cases when it is required to convert between optical transmission modes SM & MM. It is an SFP to SFP converter supporting 155M and 1.25G. Wavelengths 850nm, 1310nm & 1550nm are supported. It's not only optical mode conversions, it can be used also to increase multi-mode optical fiber lengths for much longer distances by converting transmission channel to single mode. Both duplex and simplex transceivers can be used. PAMIX MCM-3200 is stable and very simple, requires no configuration, it works once it is powered. It can be fixed inside network cabinets on DIN-rail or on shelves, It can be wall mounted or desktop also.



Main Features

- Support 155M and 1.25G SFP transceivers
- Auto sensing full-duplex and half-duplex transmission mode according to IEEE 802.3x flow control
- Support QoS packets VOIP
- STP protocol is supported
- Low power consumption and low heat generation
- Support both Single-Mode fiber & Multimode fiber
- Duplex fiber Single-Mode, Duplex fiber Multimode, Simplex fiber Single-Mode
- Plug and play
- IP30 protection
- Can be mounted on Desktop, Wall with optional kit
- CE/FCC/ROHS 2.0 Compliance product

Specification

I/O Interface

Power	Adapter input voltage : AC 100-240 V, 50/60Hz Adapter output voltage: 5V dc, Socket Ø2.5mm Converter Input: DC 5-12V dc, 2A Power Consumption ≤ 3.5 Watt
Ports	2 SFP Slots

Standard

Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX/FX) IEEE 802.3ab (1000Base-TX) IEEE 802.3z (1000Base-FX) IEEE802.3x (Flow control) IEEE802.1d (Spanning Tree)
Optical Characteristics	Multimode: 850nm, Single mode: 1310/1550nm
Safety Certification	CE, FCC, RoHS

Environment

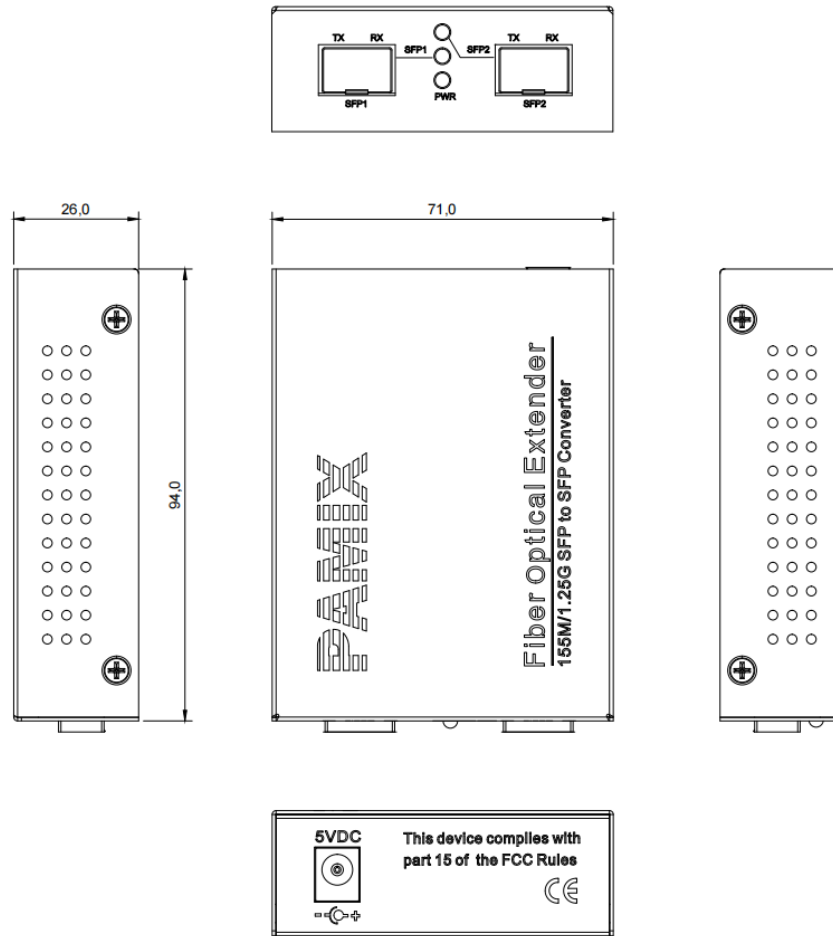
Working Environment	Working Temperature : -40~70° C Working Humidity : 5%~95%, non-condensing
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Mechanical

Size	Product Size: 94x71x26mm IP30 Protection
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Indicators

LED Indicators	PWR : Power Supply P1 : SFP1 P1 : SFP1
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Ordering Information

Description	Model	Article Number
- PAMIX Optical Fiber Mode Converter 155M & 1.25G, 2 SFP Slots	MCM-3200	5101089
- PAMIX SFP 155M Multi Mode 1310nm LCD 2KM range	S-MD15-08I-13-xx	5101101
- PAMIX SFP 155M Single Mode 1310nm LCD 20KM range	S-SD15-20I-13-xx	5101102
- PAMIX SFP 1.25G Multi Mode 850nm LCD 550m range	S-MD12-05I-85-xx	5101111
- PAMIX SFP 1.25G Single Mode 1310nm LCD 20km range	S-SD12-20I-13-xx	5101112
- Wall mount installation kit	MCH-14-2PS	5101099

*Optional more distances available 10/20/40/60/80/100/120 km