



RB-2FXSFXO-ETH

2x POTS lines and 10/100Base-TX to fiber

The RB-2FXSFXO-ETH set is designed to transport two POTS type telephone lines and 10/100Base-Tx data over fiber optic, with high fidelity and with a universal, no setting, plug and play approach. The optical port requires a single strand of fiber, reaching up to 20Km over single-mode 9/125um or up to 1Km over multi-mode 50/125 or 62.5/125um fibers. LED indicators signal the power status, Ethernet/DATA, Fiber Link and Line status of each POTS port.

Features

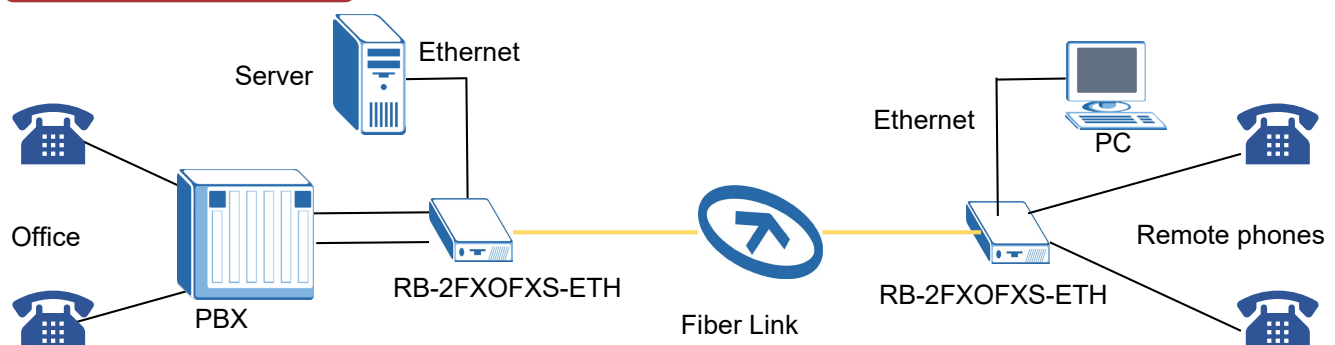
- 2x POTS (FXS/FXO) and 10/100Base-Tx to fiber
- Multiplexes POTS and Ethernet data over one strand of fiber
- Uses transformer and photoelectric coupler for electrical isolation
- Supports Caller ID
- No compression, no delay, high fidelity speech sampling rate
- Plug and play design, no settings required
- Clear LED signals for complete status information
- All metal casing, hardened design for extreme temperature

Specifications

Optical Interface	Connector	single SC connector
	Data rate	optical 155M (FE)
	Duplex mode	Full duplex
	Fiber	MM 50/125μm, 62.5/125μm or SM 9/125μm
	Distance	20Km for SMF or 1Km for MMF
	Wavelength	WDM 1310nm/1550nm
Electrical Interface	Connector	1x RJ-45 10/100Base-Tx
	Data rate	10Mbps or 100Mbps
	Duplex mode	Full duplex
	Cable	100Base-TX Cat.5, 5e or higher

Standards	POTS compliant phone lines, 10/100Base-Tx
Indicators	LED (Power, Fiber Link, ETH, Line 1, Line 2)
Power Input	Adapter Type: DC 5V/1A
	Power Input : AC 100 ~ 240V, 50-60Hz
	Power plug: US 2 blade, type A connector
Power Consumption	< 4W
Dimensions (D x W x H)	104 x 104 x 28mm (AC adapter jack not included)
Weight	Adapter : 90g
	Converter : 300g
Temperature	-20 ~ 70°C (Operating), -40 ~ 85°C (Storage)
Humidity	10 ~ 90% non-condensing
Certifications	CE, FCC
MTBF	95,000 hrs

Application



Ordering Information

Model Name	Description
RB-2FXSFXO-ETH	2 x FXS/FXO and 1x 10/100Base-TX ports to fiber extender set, SC single connector, AC adapter included