

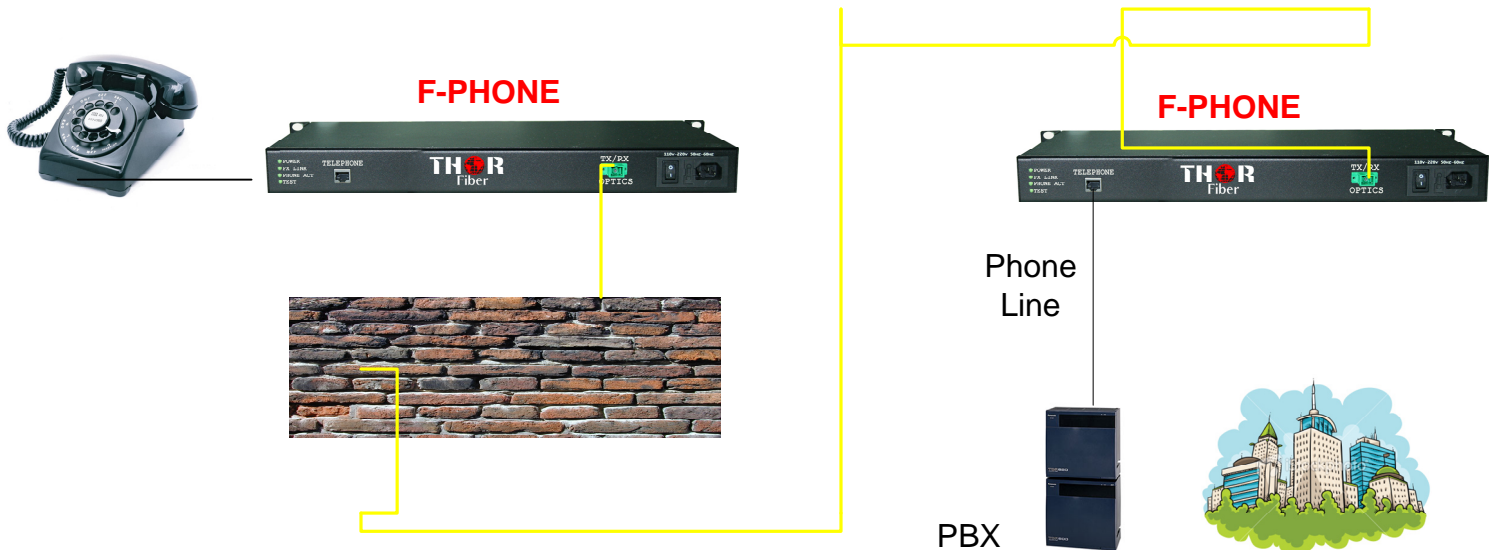
# Data Sheet: F-PHONE



The F-1TEL is used for carrying a phone line over a fiber optic cable. The PSTN two-wire POTS telephone port can be configured either as an FXO (PBX trunk) or FXS (telephone set/fax machine/dial-up modem) device just by a simple DIP switch setting. Using two of these devices, a telephone line can be extended over a fiber link. The F-1TEL provides full service for features like caller ID. The converter can be used in service mode, allowing connection of 2 telephone sets. The unit offers SNMP allowing remote management and sensing of converter status, type, version, fiber link status, RJ11 port status, and alarms. The F-1TEL is a simple and reliable solution for data carriers and service providers.



## Typical F-HDMI Application



## Technical Specifications

Optical Connector	SC/APC	LEDs	Power, FX Link, Phone Act, Test
Fiber Length	MM – 2Km, SM – 80Km	Power	DC In 12 V
Wavelengths	1310nm, 1550nm, WDM, CWDM	Power consumption	5 W
Electrical Connector	RJ-11	Dimensions	480x225x44 (mm)
FXO Mode	600 Ohm, 16 bit linear, 10-100mA Ring Frequency 20-50Hz	Temperature	0 – 50 °C
FXS Mode	600 Ohm, 16 bit linear Dial: DTMF and Dial Paul	Storage	0 – 70 °C
Ringing Waveform	Sine Wave	Humidity	0 – 90 %
Ringing Frequency	20/25/30/50 Hz Selectable	Certifications:	CE, FCC, LVD, RoHS
Ringing Cadence:	FXS to FXS: On 1 sec, Off 2 sec	MTBF	65,000 h @ 25 °C
FXO to FXS:	FXO insertion loss 0.0± 1.0dB		

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