

Telephone to Video Optical Converter with 100 MBIT/s Ethernet

Telephone fiber converter allows the extension of the existing telephony connection to a remote location over fiber optics. This is particular important to business or industrial applications where multiple telephones are required to operate in a PABX network.

FEATURES

- Provides 1-32 channels of telephone interface
- Supports 1-4 channel 100 MBIT/s Ethernet
- Optical fiber Supports single fiber or dual fiber
- Voice interface supports caller id and provides polarity reversal signal
- Uncompressed, high fidelity speech
- Voice interface supports caller id and provides polarity reversal signal
- Small volume, beautiful appearance, easy installation and operation
- Perfect status display function for easy maintenance and management

8 Channels -
Size: 104 x102 x28mm



16 Channels - Size: 167 x113 x28mm

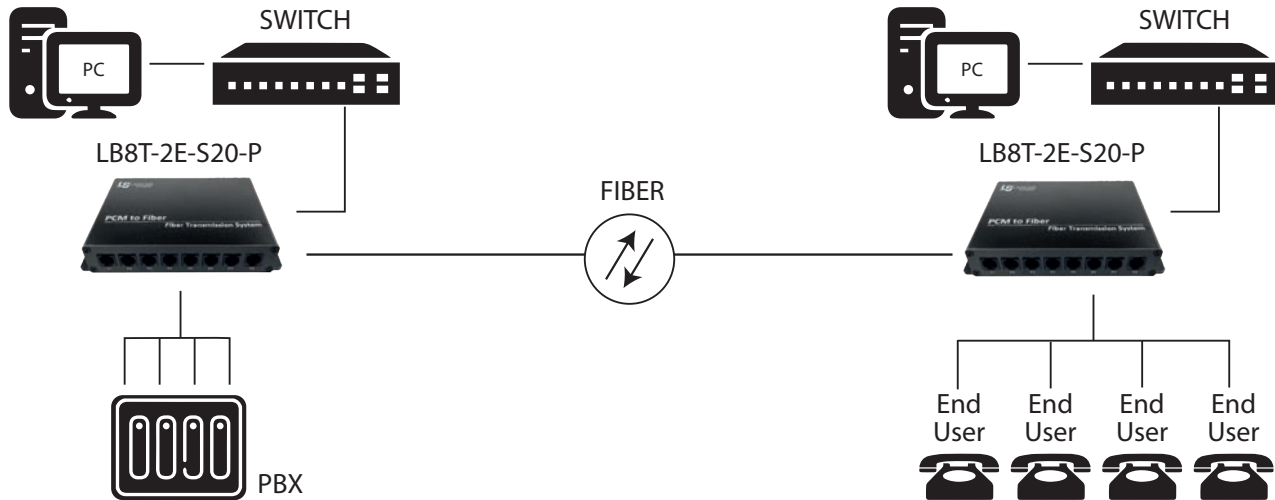


32 Channels - Size: 482 x22 x44mm

SPECIFICATIONS

Optical	
Fiber connector	FC
Type of fiber	Single-mode single fiber
Bit rate	155Mbps~1.25Gbps
Signal standard	Serial Digital Optical Signal
Transmitting optical power	-3dBm~-8dBm
Receiving sensitivity	≥-28dBm
Wavelength	1310/1550nm
Telephone	
Signal interface	RJ11
Inpedance	600Ω
Insertion Loss	-3±0.75dB
Frequency characteristic	300 ~ 3400Hz(-0.6 ~ +3dB)
Crosstalk attenuation	≥65dB
Ethernet	
Data channel	2 channel
Interface	RJ45
Data Rate	10/100Mbps
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3x Flow control, IEEE802.1q VLAN, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Power input	DC 5V
Power consumption	< 1.5W
Working temperature	-20°C ~75°C
Storage temperature	-40°C ~85°C
Working humidity	0%~95% (no condensation)
Storage humidity	0%~90% RH (no condensation)

TOPOLOGY OF EQUIPMENT USE



INSTALLATION

FRONT PANEL



LED LAMPS:

- LED lamp for power supply (when plug in the power supply, this lamp will be on; when shut down the power, this lamp will be off)
- Interface for optical fiber (Warning: Do not see directly the fiber interface when using!)
- LED lamp for fiber (when get fiber signals, this lamp will be on; when no signals, this lamp will be off.)
- Interface for telephone (when get signals, voice ports over fiber normal; when no signals, voice ports over fiber normal disconnected.)

BACK PANEL



To avoid damages from thunder, make sure devices connect the ground.

ORDERING INFORMATION

PN:	
LB1T-1E-S20-P	1 channels Telephone fiber converter, singlemode 1310/1550nm with 1x 100M Ethernet
LB4T-1E-S20-P	4 channels Telephone fiber converter, singlemode 1310/1550nm with 1x 100M Ethernet
LB8T-2E-S20-P	8 channels Telephone fiber converter, singlemode 1310/1550nm with 2x 100M Ethernet
LB16T-4E-S20-P	16 channels Telephone fiber converter, singlemode 1310/1550nm with 4x 100M Ethernet
LB32T-4E-S20-P	32 channels Telephone fiber converter, singlemode 1310/1550nm with 4x 100M Ethernet
P:	
-S-T, -S-R, -R-T, -R-R	S-Standalone, R-Rackmount, T-Transmitter, R-Receiver