Telephone Converter Converter 4CH

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Variants

SC-20km FC-20km

Details

The **4-Channel Telephone Media Converter** is a professional voice-over-fiber transmission solution designed to extend analog telephone communication over optical fiber networks. Supporting up to **4 independent telephone channels**, it delivers stable, long-distance, and high-quality voice transmission for telecom operators, enterprise communication systems, PBX networks, industrial sites, hotels, hospitals, campuses, and remote offices.

Utilizing advanced **PCM digital encoding technology**, the converter ensures crystal-clear voice quality with low noise, high reliability, and maintenance-free operation over long fiber distances.

Telephone Ports

4 × RJ11

Fiber Distance

20KM

Interface Type

FXS / FXO

Power Supply

DC 12V

Key Features

? Supports 4 independent analog telephone channels

? High-quality voice transmission over optical fiber

? PCM digital encoding technology

? FXS and FXO interface options available

? Single-mode fiber transmission up to 20km

? Stable and low-noise communication performance

? Plug-and-play installation

? Suitable for PBX, telecom, enterprise, and industrial applications

Technical Specifications

Category	Specification
Product Type	4-Channel Telephone Media Converter
Application	Analog Voice over Fiber (PBX, Telecom, Enterprise)
Telephone Ports	4 × RJ11
Interface Type	FXS / FXO Supported
Transmission Technology	PCM Digital Encoding
Fiber Type	Single Mode Fiber (SMF)
Fiber Interface	SC / FC (Single Fiber Option Available)
Transmission Distance	Up to 20 km
Audio Quality	High Quality, Low Noise Voice Transmission
Signal Type	Analog Telephone Signal
Power Supply	DC 12V
Operating Temperature	-35°C to +75°C
Installation	Plug & Play
Reliability	Stable Long-Distance Communication

Applications

PBX Systems Telecom Networks Enterprise Communication Hotels & Resorts Hospitals Industrial Plants Campus Networks Remote Office Connectivity

Ideal Solution:

Extend multiple analog telephone lines over fiber optic infrastructure while maintaining crystal-clear voice quality, low latency, and reliable long-distance communication.

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