

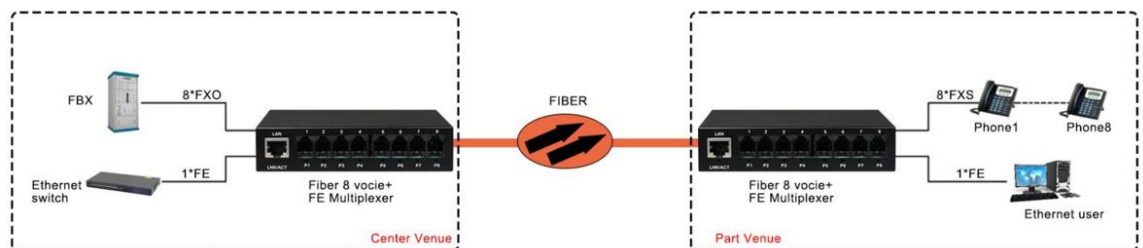
Fiber - 8Voice + FE Multiplexer

P/N: [ITT-MU4142](#)



This device provides 1-8Channel telephone, 1 Channel 10M/100M Ethernet interface (Wire Speed 100M), 1Channel Ethernet interface is switch interface, can support VLAN.

- Based on self -copyright IC;
- The local end can display the fiber connection status of the remote device;
- Voice port supports FXO and FXS port, Support FXO/FXS, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~4channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function
- Support various sites mutual number allocation function
- Ethernet interface can support AUTO-MDIX (crossed line and straightly connected line self-adaptable)
- External AC220/5-12V power adapter, can also be external DC-48V/5-12V power adapter;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20 μ s, the peak output voltage 6KV open standards.



SERVICES:
Guaranteed Warranty



Specifications:

Multi-mode Fiber	<ul style="list-style-type: none"> ➤ 50/125um, 62.5/125um, ➤ Maximum transmission distance: 5Km @ 62.5 / 125um single mode fiber, attenuation (3dbm/km) ➤ Wave Length: 820nm ➤ Transmitting power: -12dBm (Min) ~-9dBm (Max) ➤ Receiver sensitivity: -28dBm (Min) ➤ Link budget: 16dBm
Single-mode Fiber	<ul style="list-style-type: none"> ➤ 8/125um, 9/125um ➤ Maximum transmission distance: 40Km ➤ Transmission distance: 40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km) ➤ Wave Length: 1310nm ➤ Transmitting power: -9dBm (Min) ~-8dBm (Max) ➤ Receiver sensitivity: -27dBm (Min) ➤ Link budget: 18dBm
E1 Interface	<ul style="list-style-type: none"> ➤ Interface Standard: comply with protocol G.703; ➤ Interface Rate: n*64Kbps±50ppm; ➤ Interface Code: HDB3; ➤ E1 Impedance: 75Ω (unbalance), 120Ω (balance); ➤ Jitter tolerance: In accord with protocol G.742 and G.823 ➤ Allowed Attenuation: 0~6dBm
Ethernet interface (10/100M)	<ul style="list-style-type: none"> ➤ Interface rate: 10/100 Mbps, half/full duplex auto-negotiation ➤ Interface Standard: Compatible with IEEE 802.3, IEEE 802.1Q (VLAN) ➤ MAC Address Capability: 4096 ➤ Connector: RJ45, support Auto-MDIX
FXS Phone Interface	<ul style="list-style-type: none"> ➤ Ring voltage: 75V ➤ Ring frequency: 25HZ ➤ Two-line Impedance: 600 Ohm (pick up) ➤ Return loss: 40 dB
FXO Switch Interface	<ul style="list-style-type: none"> ➤ Ring detect voltage: 35V ➤ Ring detection frequency: 17HZ-60HZ ➤ Two-line Impedance: 600 Ohm (pick up) ➤ Return loss: 40 dB ➤ Return loss: 20 dB
Working environment	<ul style="list-style-type: none"> ➤ Working temperature: -10°C ~ 50°C ➤ Working Humidity: 5%~95 % (no condensation) ➤ Storage temperature: -40°C ~ 80°C ➤ Storage Humidity: 5%~95 % (no condensation)

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Ordering Information:

Model	ITT-O8F1b/ITT-S8F1b
Functional Description	8* telephone, 1*100 Mbps Ethernet, 1* Fiber interface
Power	Power supply: DC5-12V Power consumption: ≤10W
Dimension	Product Size: 90X104X31mm (WDXH) mini type
Weight	0.8KG

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