

## 16 Channel Voice over Fiber Multiplexer



This point to point fiber transmitting equipment, which is designed on large scale integrated circuit, realizes 1~4 E1 circuit, 1~4 channels 100M Ethernet, 16 channel voice (FXO/FXS) and 1~2 channel RS232. Its merits include complete warning function, high integration, low consumption, stable performance and convenient usage. In the 16channel voices, the FXS and FXO can be combine freely, for example, 8\*FXS+8\*FXO.

- Provides 1~ 4 channel E1/ G.703 (optional function);
- Provides 1~4 channel 100M (liner) Ethernet (optional function);
- Provides 16 channel voice port, FXO or FXS;
- Provides 1~2 channel RS232, rate supports 300-15200 bps (optional function);
- Ethernet port 10/100M, full/half duplex auto-adaptable and supports VLAN;
- Ethernet port supports AUTO-MDIX (twisted cable and straight cable auto-adaptable);
- 1-16 channel voice connection, supports calling indication;
- Configuration: point to point;
- Voice port supports O port and S port, O port connects switch and S port connects user's phone;
- Optical interface supports SC/FC interface and supports single fiber interface.

SERVICES:  
Guaranteed Warranty



## Specifications:

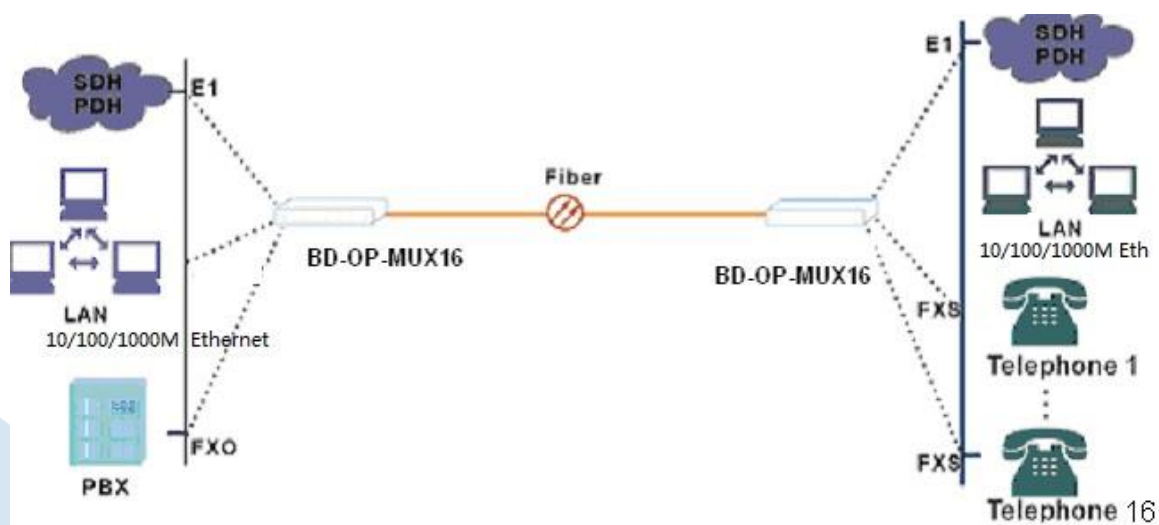
<b>Optical interface</b>	<ul style="list-style-type: none"> <li>➤ Optical wavelength: single mode 1310nm/1550nm</li> <li>➤ Fiber: single fiber or double fiber for option</li> <li>➤ Transmitting consumption: -9dBm/-5dBm</li> <li>➤ Transmission range: 0-50Km/120Km for option</li> <li>➤ Optical interface: SC/FC</li> <li>➤ Receiving and dispatching module: &gt;-6dBm</li> <li>➤ Optical receiver receiving sensitivity &lt;-36 dBm (BER&lt;10<sup>-11</sup>) Fiber circuit code: NRZ code</li> </ul>
<b>10/100Base-T Interface</b>	<ul style="list-style-type: none"> <li>➤ Rate: 10/100M, full/duplex auto-negotiation</li> <li>➤ Protocol: Support IEEE 802 .3, IEEE 802.1Q (VLAN)</li> <li>➤ MAC Address Entries: 4096 Entries</li> <li>➤ Total Memory Sizes: 64Mbits SDRAM</li> <li>➤ Physical interface: RJ45, support AUTO-MDIX</li> </ul>
<b>E1 Interface</b>	<ul style="list-style-type: none"> <li>➤ Interface standard: Conforms to G.703 standar d</li> <li>➤ Interface rate: N×64Kbps, N:1 ~ 32</li> <li>➤ Vibration characteristic: Satisfies G.742 and G. 823 standard</li> <li>➤ Transmission capacity: 1*E1</li> <li>➤ Clock type: internal-clock, route clock</li> <li>➤ Connector: BNC (75 Ω</li> <li>➤ Interface impedance: 75Ω (non- balanced)</li> </ul>
<b>FXS</b>	<ul style="list-style-type: none"> <li>➤ Alarm voltage: 75V</li> <li>➤ Alarm frequency: 25HZ</li> <li>➤ 2-line input impedance: 600Ω (hanging off)</li> <li>➤ Wastage: 40db</li> </ul>
<b>FXO</b>	<ul style="list-style-type: none"> <li>➤ Alarm detecting voltage: 35V</li> <li>➤ Alarm detecting frequency: 17HZ-60HZ</li> <li>➤ 2 line input impedance: 600Ω (hanging off)</li> <li>➤ Wastage: 40db</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>➤ working voltage range wide, good</li> <li>➤ anti-disturb and Isolation, work stable</li> <li style="padding-left: 20px;">option I – DC-48V, range DC-36V~DC-72C</li> <li style="padding-left: 20px;">option II – AC220V,range AC90V~AC260V</li> <li>➤ Power Consumption: &lt;=3 Watts</li> </ul>
<b>Environment condition</b>	<ul style="list-style-type: none"> <li>➤ Operating temperature: 0C~+50 C</li> <li>➤ Storage temperature: -20 C~+70 C</li> <li>➤ Relative temperature:95% (uncondensed)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>➤ 433mm(L) x 238mm(W) x 44mm(H)</li> </ul>

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## Ordering Information:

<b>Model</b>
ITT-OP-MUX16/FXO -AC
ITT-OP-MUX16/FXS- AC
ITT-OP-MUX16 /FXO-DC
ITT-OP-MUX16/FXS -DC



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