

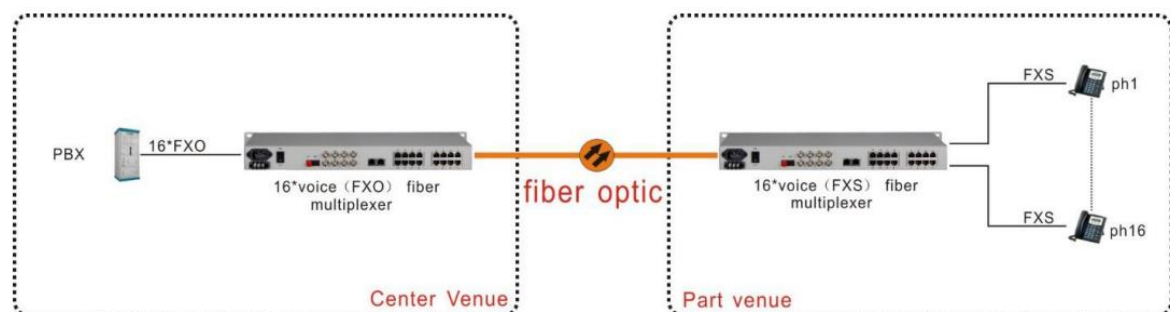
Fiber-16Voice Multiplexer

P/N: [ITT-PCM-16V-1FE](#)



This is a 19inch 1U type PCM multiplexer which provides 16 channel FXO/FXS telephone, support 6U rack plug-in, 6U rack can equipment with SNMP network management. Equipment electrical part for the whole digital circuits, machine reliability, stability, low power consumption, high integration, small size, easy installation and maintenance.

- Based on self -copyright
- Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~16 channel Voice access supports caller ID feature and reverse polarity billing functions
- Support various sites mutual number allocation function
- The transmission distance is up to 2-120Km without interruption
- The 6U rack plug-in can be offered and support SNMP Network management.
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20μs, the peak output voltage 6KV open standards;
- Multiple power can be optional AC 220V, DC-48V, DC24V, etc



SERVICES:
Guaranteed Warranty



Specification	
Model:	ITT-PCM-16V-1FE
Functional Description	Managed 16 POTS (FXO/FXS) over fiber
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC +24V Power consumption: ≤10W
Dimension	Product Size: 19inch 485X138X45mm (WxDxH)
Weight	2.4KG
Fiber	
Multi-mode Fiber	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:	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
FXS Phone Interface	
Ring voltage:	75V
Ring frequency:	25HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	40 dB
FXO Switch Interface	
Ring detect voltage:	35V
Ring detection frequency:	17HZ-60HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	40 dB
EM 2/4 Line	
AD:	0dB
DA:	3.5dB
Two/Four-line	600 Ohm
Impedance: Return loss:	20 dB

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Specification**Working environment**

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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