TYPE: Sepitam-16P-T/R

16 Channel Phone on Fiber

Description:

This is a desk-top PCM multiplexer which provides 16 channel FXO/FXS telephone, support 4U rack plug-in , 4U rack equipment with SNMP network management.

Features：

♦ Based on self -copyright IC

♦ Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;

♦ 1~16channel 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 4 U 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;

♦ AC 220V, DC-48V, DC24V can be optional

Parameters:

♦ **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

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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 Impedance: 600 Ohm

Return loss: 20 dB

♦ **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)

Technical Specification:

Model	Sepitam-16P -T/R
Functional Description	Managed 16 POTS（FXO/FXS）over fiber
Power	Power supply: AC180V ~ 260V；DC –48V；DC +24V Power consumption: ≤10W
Dimension	Product Size: 216*138*42mm(W*D*H) 19 1U
Weight	1.0KG

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Technical Specification of

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