

Multi-mode to Single-mode Media Convertor



1. Overview

These series devices include several types:

- 1) Wavelength Switch Device: It can provide data transmission between two wavelength, such as 1310nm↔1310nm、1310nm↔1550nm、1310nm↔850nm、850nm↔1550nm
This kind of device also can be used as positive power enlarge device
- 2) Mode Switch Device: It can provide data transmission between multi mode (850nm,1310nm)and single mode (1310nm,1550nm), This kind of device also can be used as positive power enlarge device.
- 3) Fiber Switch Device: It can provide the data transmission between single –fiber and dual –fiber.
- 4) Switch deferent wavelength and two types of mode.

Our company can provide this kind of device with deferent data rate (155M、622M、1.25G),The longest distance can be 120km.

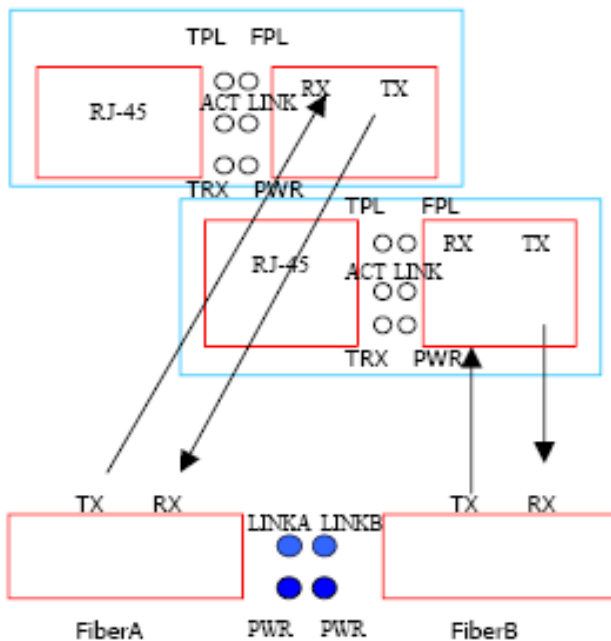
2. Features

Fiber A: multi - fiber port
 Fiber B: single -fiber port
 LED: power*2 LINK A、LINK B
 Standard: IEEE 802.3
 Port: SC
 Power: DC 48V/2A 3A
 Operating temperature: 0℃~70℃
 Operating humidity: 5%~90%
 Supporting full duplex and half-duplex transmission
 Demension: 30mm (H)*112mm (W)*141mm (D)
 Single mode :1300nm、1310nm、1550nm
 Multi mode: 1310nm、1300nm、850nm
 Transmission fiber:
 Multi mode:50/125、62.5/125 or 100/140um
 Single mode:8.3/125,8.7/125,9/125 or 10/125um
 Transmission distance:
 Multi mode: 2Km
 Single mode: 2~100Km



3. LINK/LED Description

LEDs	State	Indications
POWER	Solid on	Power feeding in
	Off	No power
LINK A	Solid on	Port A multimode fiber signal detects: a valid connection established.
	Off	Multimode fiber link failed.
LINK B	Solid on	Port B single mode fiber signal detect: a valid connection established.
	Off	Single mode fiber link failed



Order Information

Type	Description
B1-3312	100MB Convertor Multimode to Singlemode, SC Port, Dual Fiber
B1-3312-G	1000MB Convertor Multimode to Singlemode, SC Port, Dual Fiber

