

## 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.

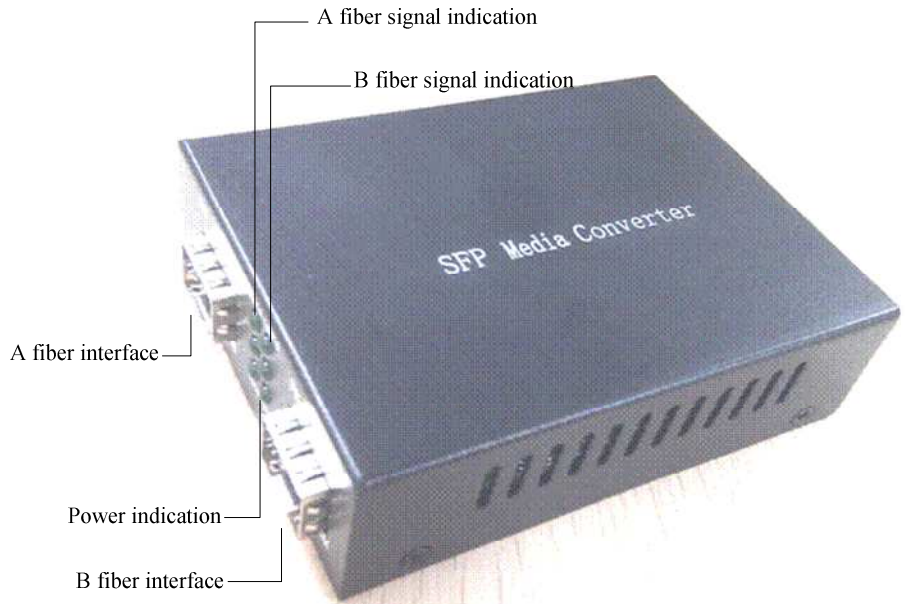
4) Switch deferent wavelength and two types of mode.

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

## 2. Outlooking and Features

- Fiber A: multi - fiber port  
Fiber B: single -fiber port
- LED: power\*2 LINK A、 LINK B
- Standard: IEEE 802.3
- Port: SC、 LC
- Power: AC220V or DC 48V/1A 2A
- Operating temperature: 0°C~70°C
- Operating humidity: 5%~90%
- Supporting full duplex and half-duplex transmission
- Demension: 26mm (H)\*70mm (W)\*95mm (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: 0~2Km  
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

#### 4. Product connection diagram

