



SUN-1000-SFP-SFP Converter

SUN-1000 SFP to SFP Converter with two SFP slots, each slot could plug with SFP transceivers to realize wavelength switch, mode switch, fiber switch, etc. It support different data rates (155M, 622M, 1.25G), with transmission distance up to 120km.

These series devices include several types:

- 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
- 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.
- Fiber Switch Device: It can provide the data transmission between single-fiber and dual-fiber.
- Switch different wavelength and two types of mode.
- Different data rate (155M, 622M, 1.25G). The longest distance can be 120km.

Parameters

Fiber A

Fiber B

LED

Standard:

Port

Power (V)

Operating Temp. (°C)

Operating Humidity

Supporting full duplex and half-duplex transmission

Dimensions (mm) (H x W x D)

Single Mode (nm)

Multimode (nm)

Transmission Fiber

Multimode (um)

Single Mode (um)

Transmission Distance

Multimode (km)

Single Mode (km)

Specifications

SFP port

SFP port

Power*2 LINK A, LINK B

IEEE 802.3

SFP - LC Connector

DC 48 or AC 220

0 ~ 70

5%~90%

26 x 70 x 95

1300, 1310, 1550

1300, 850

50/125, 62.5/125 or 100/140

9/125

2

2 ~ 100



. Note: you cannot use 100M SFP modules with 1000M SFP modules simultaneously