

4L-B1SHN953-0

Protection Optical Bypass Switch for bidirectional networks



Applications

- Ring Network
- Line / Bus Network
- Node Bypass Protection
- WAN Optimization
- SDH ADM Ring
- 1G Network
- 10G Network
- Network Maintenance
- Other optical links

Features

- Small format and Low Cost
- Low Insertion Loss
- Available for Single Mode Fiber or Multimode Fiber
- Available for Duplex or Simplex connections
- UPC connector
- Supports wavelengths 1260nm up to 1650nm
- LGX Case
- Operating temperature: 0°C ~ +70°C

Description

The 4L-B1SHN953-0 OBS is a protection equipment mainly for Ring and Line topology networks. This equipment constantly monitors the power supply through the USB port. When there is any power outage on the Site/Pop, the 4L-B1SHN953-0 automatically switches to bypass mode

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General Specifications

Parameter	
Wavelength Range	1260 ~ 1650nm
Insertion Loss	Typ: 1.0 dB - Max: 1.5dB
Return Loss	≥50 dB
Crosstalk	≥55 dB
PDL	≤0.25 dB
Wavelength Dependent Loss	≤0.25 dB
Temperature Dependent Loss	≤0.25 dB
Repeatability	≤0.02 dB
Power Supply	USB DC 5V
Power Consumption	≤2.5 W
Switch Time	≤8 ms
Transmission Power	≤500 mW
Operating Temperature	-5°C~+70°C
Storage Temperature	-5°C ~ +85°C
Weight	250 g
Dimension	(L)130.0 mm×(W)102.0 mm×(H)30.0 mm

Note

This equipment includes:

- Small 1U, with 1 LGX slot panel to fix on the rack
- USB Bivolt Power Supply

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Ordering Information

Part Number	Description
4L-B1SHN953-0	Optical Bypass Switch, 01 FO, BiDi 1260~1650nm, SC/UPC, Bivolt USB power supply

Note

This modules have been tested by 4LAN on equipments like Cisco, Juniper, Dell, HP, Mikrotik, Huawei, and other brands. The equipment brand must be informed before shipping the order, so the transceivers are reprogrammed to the corresponding brand.

Contact Information

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