



Standard Optical Switch for Telecommunication Application

Optical switches are mainly used in optical add/drop, optical cross and connection (OXC) system and optical fiber ring protection. This product meets the Telcordia GR-1209.

Features of our optic switch:

- On/Off, 1x2, 2x2 (add/drop), 2x2 (full) configuration
- Compact package
- Mechanical design
- Latching or non-latching available

Applications for our optic switch:

- Network switching
- Configurable OADM
- Optical cross and connection system
- Optical fiber protector rings



Figure. Optic Switch



Specifications

Parameter	Unit	Value	
Switch Type		1x1 (on-off), 1x2	2x2, 2x2B
Wavelength	nm	1510~1610/1260~1360	
Insertion Loss	dB	Typ. 0.4 Max: 0.6	Max: 0.8
Return Loss	dB	≥45	
Crosstalk	dB	≥55	
Repeatability	dB	≤±0.05	
Switch Speed	ms	<10	
Switch Mode		Bistable Relay	
Lifetime	times	>1,000,000	
Operation Temperature	°C	0~+70	
Storage Temperature	°C	-40~+85	
Voltage		5±0.5V DC or 5V Pulse	
Current	mA	<50	
Dimension	mm	45x18x10	

Ordering Information:

Model: 1x1, 1x2, 1x4, 2x2, 2x2Block model

Wavelength: 1310nm, 1550nm, 1310nm/1550nm, 1570nm

Fiber diameter: 250um, 900um, customer request

Fiber length: 1m, customer request

Connector: none, FC/PC, FC/APC, others

We have unbeatable low price for this product.