

OPTICAL SWITCH



Spec optical switch has extremely low noise, low insertion loss and main component is imported single mode optical switch, and it adopts MCU intelligent control technology and SNMP network management technology to make the performance better than others. It can work on 3 modes 2x1/1x2/2x2 switch option to choose from. Random optical power and the chosen state are displayed on the front panel LCD or monitored by network management system. it is applicable to switch of optical path and optical devices which need high reliable operation.

FEATURES

- ✧ Low Insertion Loss
- ✧ Wide Wavelength range
- ✧ Low Crosstalk
- ✧ High Stability and Reliability
- ✧ Epoxy-free optical path

OPTICAL SWITCH



TECHNICAL PARAMETERS

ITEMS	UNITS	TECHNICAL PARAMETER
Wave Length	nm	1100 ~ 1610 nm
Transmitting Power	mw	< 500
Transmitting Loss	dB	< 1
Reflection loss	dB	> 55
Polarization Dependence	dB	< 0.1
Repeatability	dB	< 0.02
Switch Time	Ms	< 10
Switch Option		1 x 2, 2 x 1, 2 x 2
Type of Optical Connector		FC/APC or SC / APC
Fiber Type		Single Mode



OPTICAL SWITCH WITH GSM

Optical Switch with GSM has an extremely low noise, low in-sertion loss. It also adopt MCU intelligent control technology and SNMP network management to make the performance better than others. The major problem comes in CATV that we don't able to know whether our line is cut or okay. So to resolve this problem we add GSM Module in Optical Switch. Benefit of GSM module is that whenever any Optical Input either its Input A or Input B cut, the User will get the message regarding it. And to make it more convenient we also add one more function, in which our customer will get the message when it will be restored.

ITEMS	UNITS	TECHNICAL PARAMETER
Wave Length	nm	1260~1620
Insertion Loss	dB	1.5±0.5
Return Loss	dB	SM ≥ 55 , MM ≥ 30
Cross-Talk	dB	SM ≥ 55 , MM ≥ 35
Switching Time	ms	Bar Cross ≤ 3 , Bar Cross ≤ 5
Transmission Power	mW	≤ 500
Operating Temperature	nm	-20 ~ +70