

SW9000 光 开 关 模 块

SW9000 Optical Switch Module

产 品 规 格

Specification



产品示例图片

概述 Descriptions

SW9000 机架式光开关模块是一种光路控制设备，主要作用是控制光路和切换光路。该产品可通过面板按键手动选择切换工作光路，也可通过RS232串口、以太网口控制光路切换或设定频率自动扫描需要监控切换的光路。在光通信项目中主要应用于：光传输系统中的多路光监控、LAN多光源/探测器自动换接以及光传感多点动态监测系统；光测试系统中用于光纤、光器件、网络和野外工程光缆测试；光器件装调。

SW9000 Rackmount Optical Switch Module is an optical path control device, the main role is to control the optical path and switch the optical path. The product can be manually selected through the panel keys to switch the working light path, but also through the RS232 serial port, Ethernet port to control the optical path switch or set the frequency of automatic scanning need to monitor the switching of the optical path. In the optical communication project is mainly used in: optical transmission system in the multi-channel optical monitoring, LAN multi-light source / detector automatic switching and optical sensor multi-point dynamic monitoring system; optical test system for optical fiber, optical devices, And field engineering cable test; optical components install.

特点 Features

- ◆ 低损耗、高可靠性
- ◆ 指示灯指示工作光路
- ◆ 体积小巧、价格实惠

应用 Applications

- ❖ 光纤环路
- ❖ 自动测量
- ❖ 光纤网络远程监控

性能指标 Specification

产品型号 Model #	SW9000
通道数量 Channels	2~64路
插入损耗 Insertion Loss	≤ 1.0 dB (不含连接器)
波长范围 Wavelength Range	1260 ~ 1650 nm
回波损耗 Return Loss	≥ 50 dB
通道串扰 Channel crosstalk	≥ 55 dB
偏振相关损耗 Polarization-dependent loss	≤ 0.05 dB
波长相关损耗 Wavelength-dependent loss	≤ 0.25 dB
温度相关损耗 Temperature-dependent loss	≤ 0.2 dB
重复性 Repeatability	$\leq \pm 0.02$ dB
使用寿命 Service life	10^9 次
传输光功率 Transmission optical power	≤ 500 mW
切换时间 Switching time	≤ 10 ms (相邻通道顺序切换)
工作温度 Operating Temperature	$-10 \sim +60^\circ\text{C}$
存储温度 Storage Temperature	$-40 \sim +80^\circ\text{C}$
工作电源 Working power supply	AC 100 - 240 V \pm 10%, 48 - 66 Hz
通信接口 Communication Interface	RS232串口
外形尺寸 Dimension	238 mm D, 88 mm H, 320 mm L

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