

Describe

XH-FSW-32X32 Matrix optical switch is a product that uses optical switches to realize optical path conversion. The device provides serial port RS-232 , Ethernet RJ45 interface, through the TCP / IP protocol connection to send commands to control optical path switching, and finally realize 32 (input) X 32 (output) full-switching non-blocking bidirectional fiber routing Cross-connect plays an important role in optical communication applications. Optical switches are mainly used in multi-channel optical monitoring in optical transmission systems, automatic switching of LAN multi-light sources/detectors, and optical sensing multi-point dynamic monitoring systems; optical testing systems are used for optical fibers, optical devices, networks and field engineering optical cables Testing; Optical device adjustment.

Features

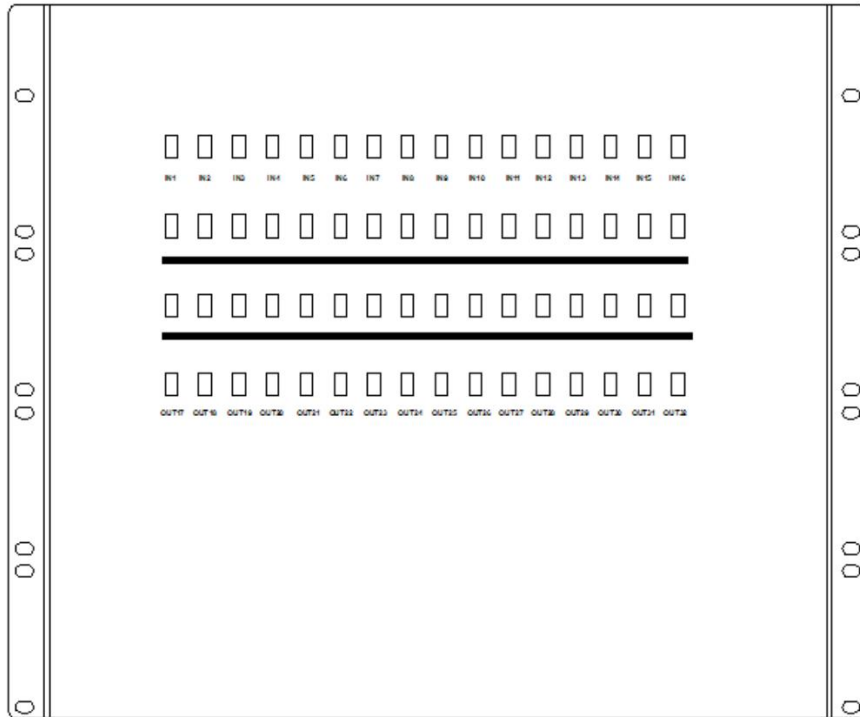
- (1) Network port serial port communication interface command control.
- (2) Fully switched non-blocking two-way cross-connect.
- (3) Equipped with LC precision flange, the insertion loss is small.
- (4) The insertion loss is small, the switching speed is fast, the signal stability is high, and there is no crosstalk between adjacent channels;

Parameter index

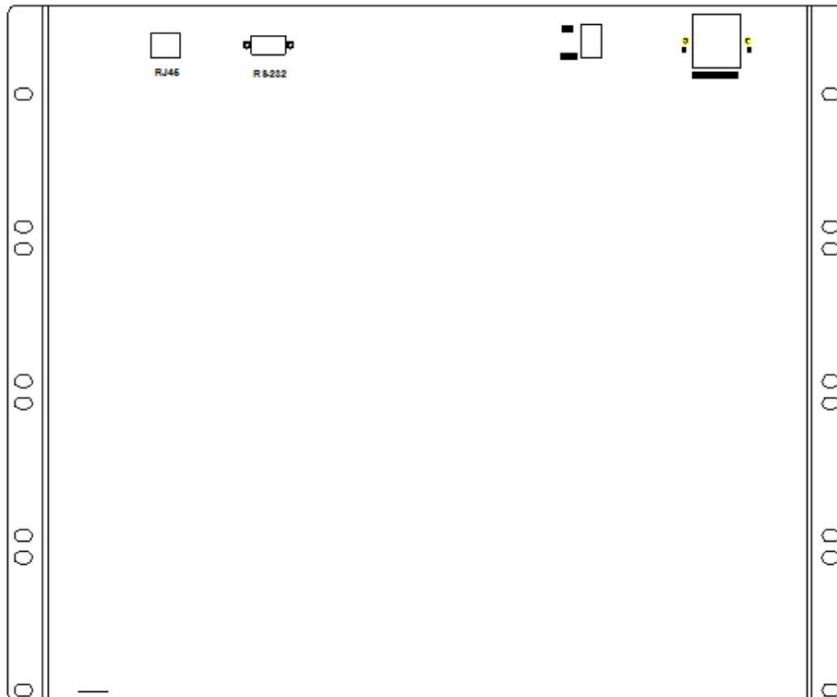
| Parameter | Parameter Values |
|-----------------------|------------------------------|
| Model | XH-FSW-32X32-Q |
| Wavelength Range | 1260~1650nm |
| Insertion Loss | ≤ 1.2 dB |
| Repeatability | ≤ 0.02 dB |
| Return Loss | ≥ 50 dB |
| Crosstalk | ≥ 70 dB |
| WDL | ≤ 0.25 dB |
| PDL | ≤ 0.05 dB |
| Fiber Type | SM (9/125um) |
| Lifetime | 10 ⁷ |
| Switching Time | ≤15ms(Adjacent channel) |
| connector | FC\PC |
| control | RJ45、RS-232 |
| Operating power | AC: 100~240V |
| Operating Temperature | -10 ~ +60℃ |
| Storage Temperature | -40 ℃ ~ +85 ℃ |
| Dimension | 19"9U: 483 X 600 X 400.5(mm) |

Dimension

front panel



rear panel



Optica Route

