



Customer Optical Fiber Switch for Any Wavelength and Fiber

From 1 x 2 to 1 x 36, from 1 x M to N x M, customer made optical switches can be at any wavelength from 450nm to 1700nm with single mode, PM fiber and MM fiber. Customer made optical switches have been widely used in optical fiber transmission system for channel monitor; signal exchange between multi transmitters and receivers in LAN; multi channel fiber sensor system; optical fiber, component, network, field fiber cable testing; fiber component calibration and fabrication.

FEATURES:

- Up to 64 channels
- At any wavelength from 400nm – 1700nm
- Single mode fiber, PM and MM fiber
- Narrow bandwidth, wide bandwidth
- Low insertion loss
- High reliability
- Parallel port control
- Module design

SPECIFICATIONS:

| | |
|---------------------|------------------------------------|
| Working wavelength | 450nm - 1700nm |
| Insertion loss | < 1.0 dB (typical) |
| Return Loss | > 25 dB (MM fiber), 60dB(SM fiber) |
| Isolation | < - 70 dB (typical) |
| Switch time | < 12 ms (adjacent channel) |
| Repeatability | < 0.05dB |
| Life time | 10^7 |
| Working Temperature | 0° C ~ 50° C |



Figure 1. 1 x 32 Single Mode Optical Switch Module



Figure 2. Customer Made 1 x 4 Wide Band Optical Switch

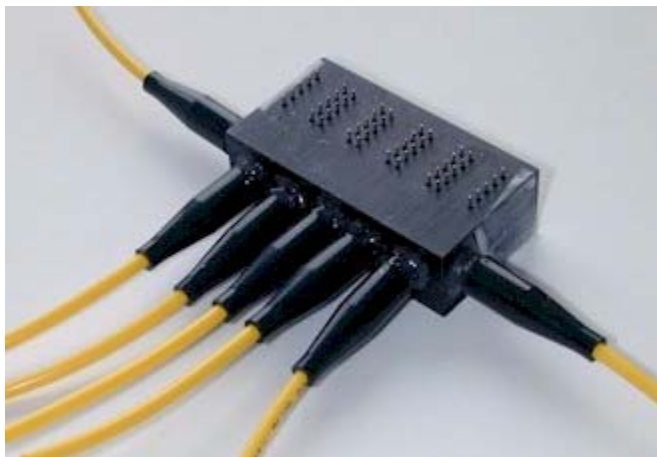


Figure 3. Customer Made 1 x 6 PM fiber Optical Switch