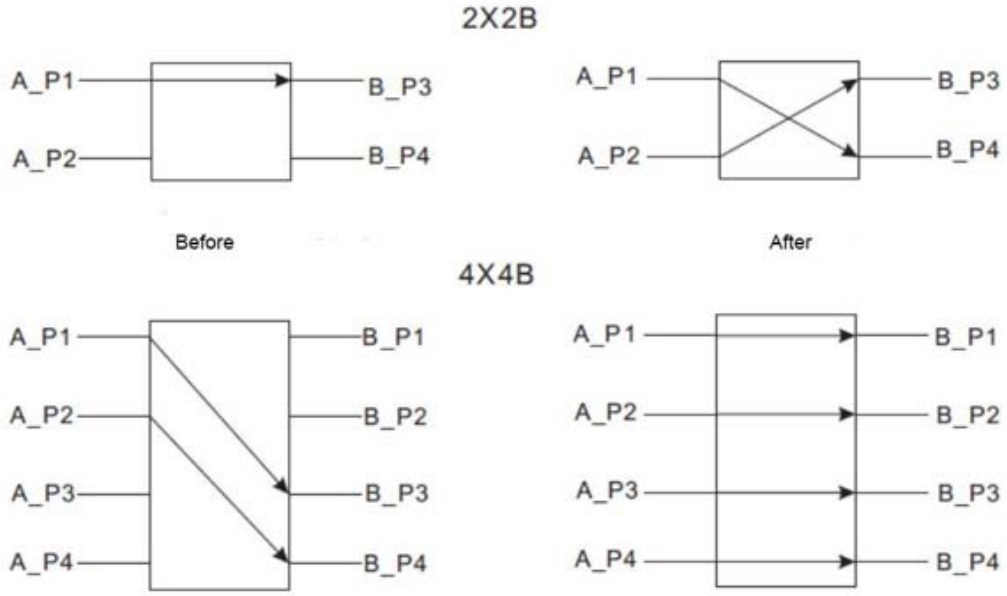
Key Features:

- Low Insertion Loss
- Wide Wavelength Range Low Channel Crosstalk
- Operating environment temperature:-20 ° ~70 ° c

Introduction:

The Fiber Bypass has the characteristics of low loss, high stability and high reliability. For different optical path needs, optical switch modules can be customized to meet the optical path needs of complex test systems and improve product test efficiency. It is an indispensable core product for the monitoring and protection of optical communication system, which can be connected to high-density optical communication systems.

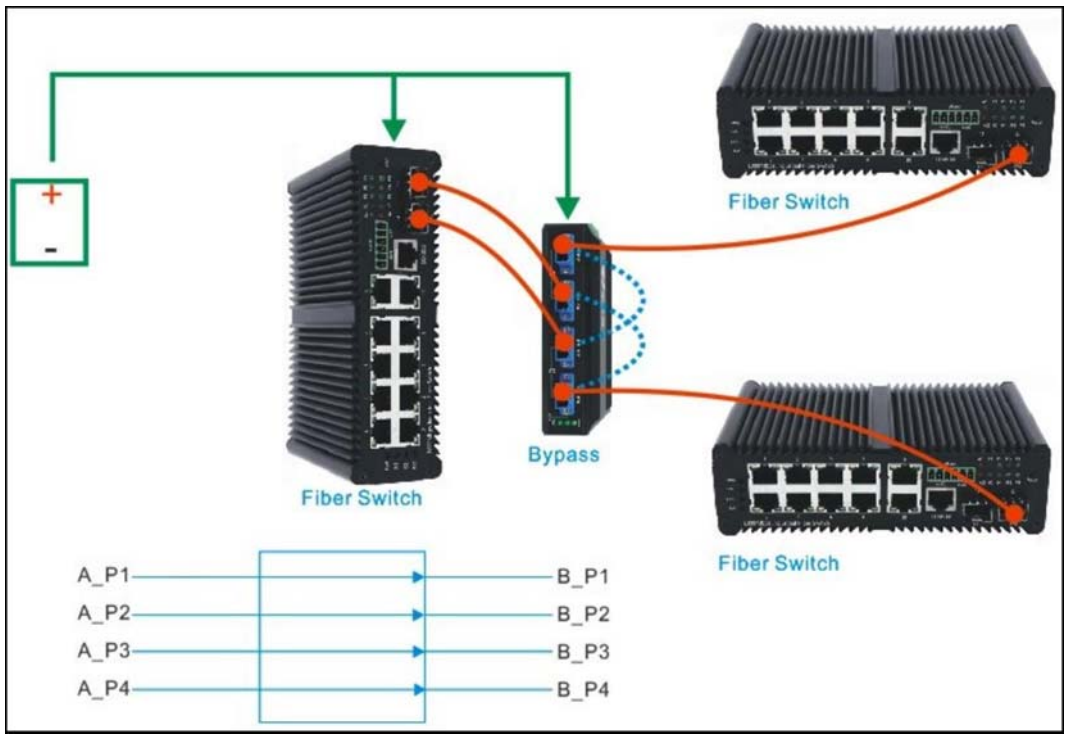
Working Mode:

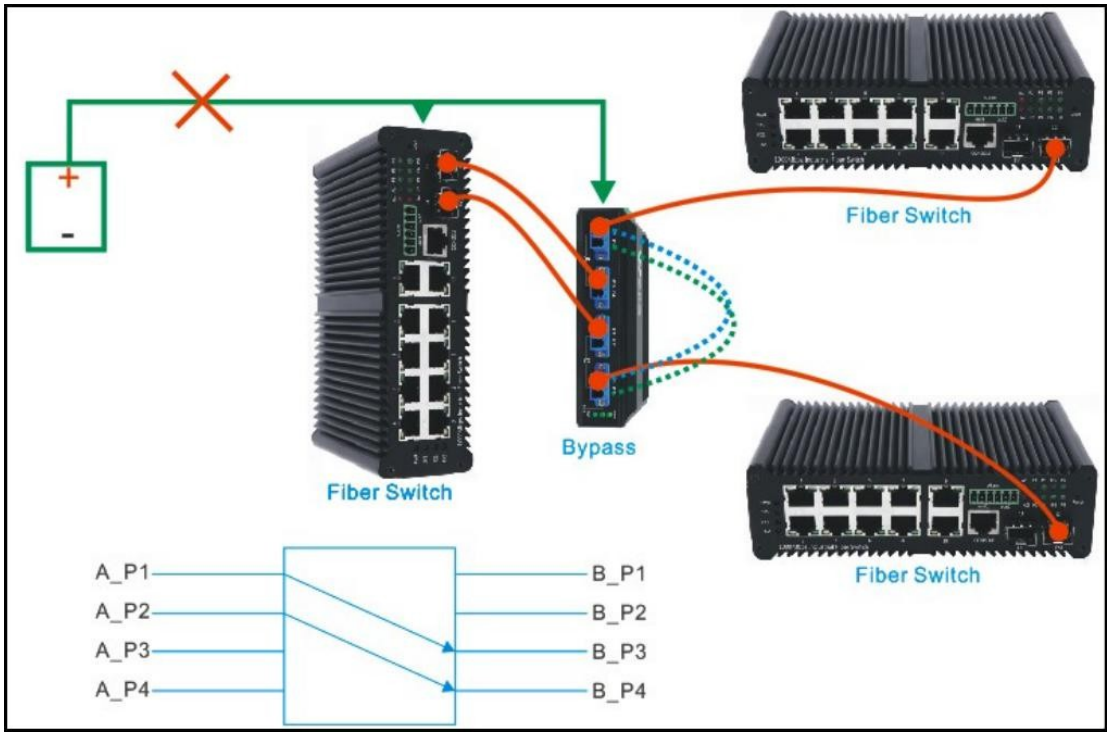


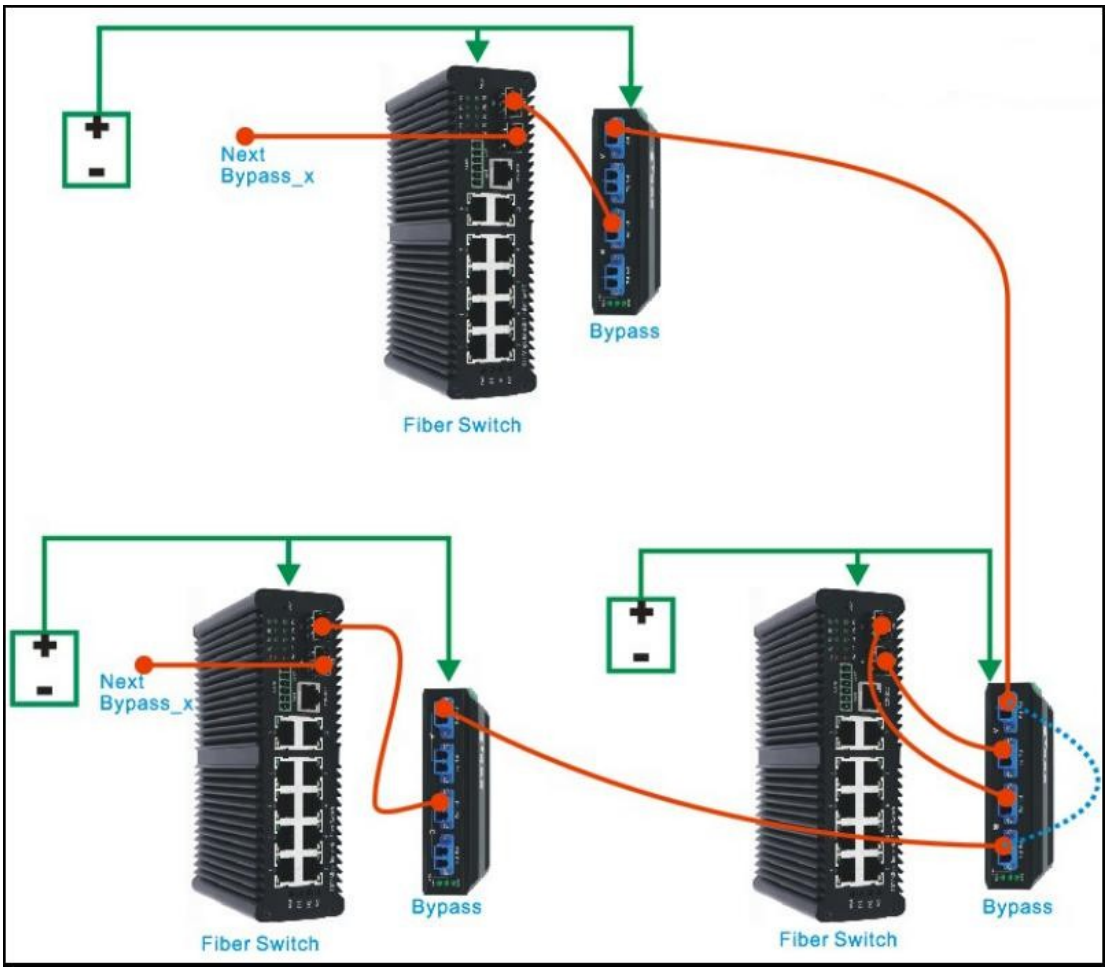
Specification:

Product Name	**TS-F-Bypass**
Power Interface	Standard industrial terminal block.
Polarity Protection	Support
Optical Fiber Interface	LC
Wavelength Range	850±40/1300±40nm; 1260~1650nm
Test Wavelength	850/1300nm; 1310/1550nm
Insert Loss	Typ:0.6 dB Max:1.0 dB ; Typ:0.6dB Max:1.0 dB
Return Loss	MM≥30 dB SM≥50 dB
Channel Crosstalk	MM≥35 dB SM≥55 dB
Polarization Loss	≤0.05 dB
Wavelength Loss	≤0.05 dB
Temperature Loss	≤0.05 dB
Repeatability	≤0.05 dB
Operating voltage	3.3V-5V
Service life	≥100000000 times
Switching time	≤10 ms
Transmission optical power	≤500 mw
Environment	Working temperature：-20°～70°C Storage temperature：-40°～85°C

Application:




Fiber Switch
Bypass
Fiber Switch
Fiber Switch
A_P1
A_P2
A_P3
A_P4
B_P1
B_P2
B_P3
B_P4


Next
Bypass_x
Bypass
Fiber Switch
Next
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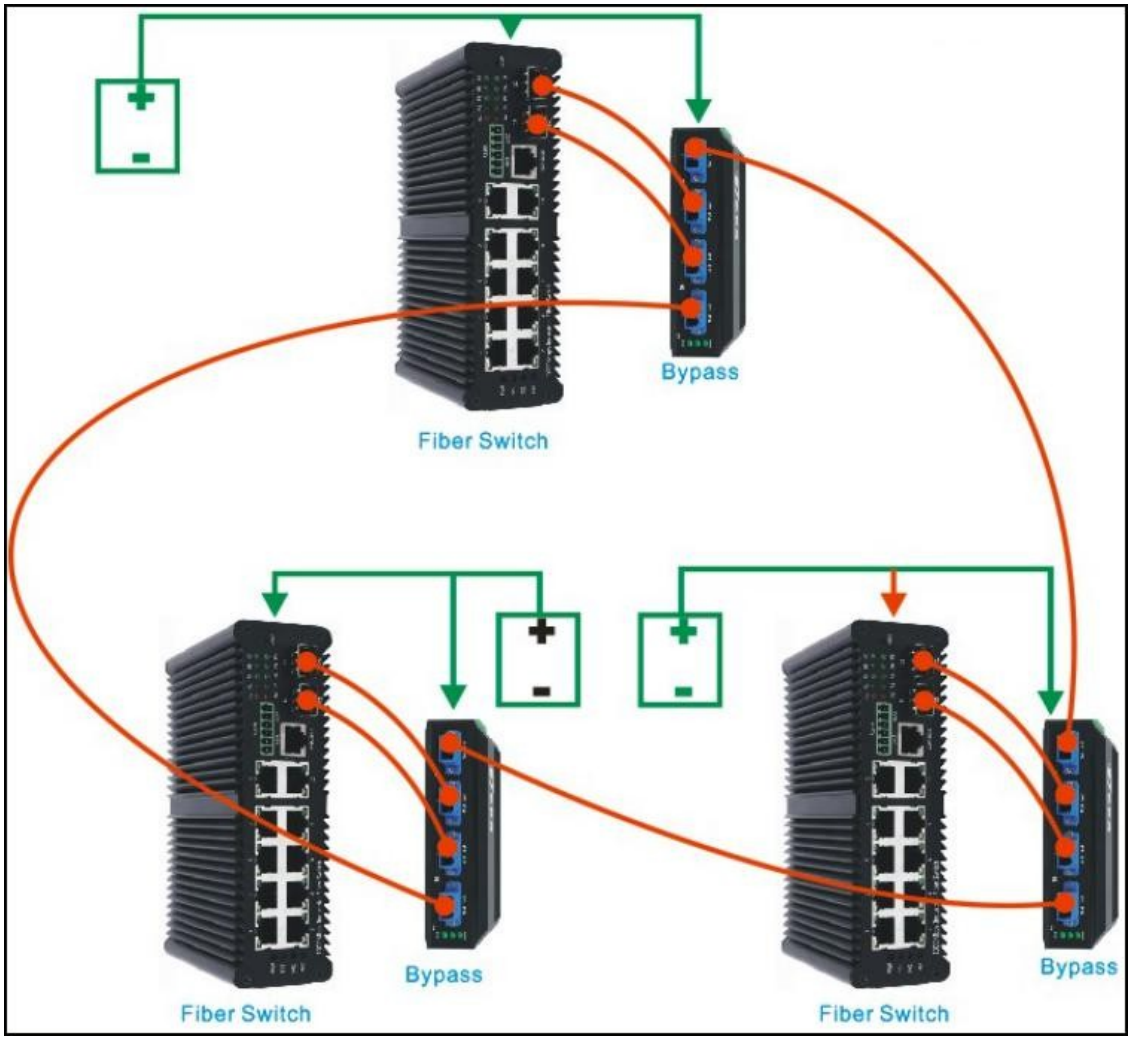
Bypass
Fiber Switch
Bypass
Fiber Switch


Bypass
Fiber Switch
Bypass
Fiber Switch
Bypass
Fiber Switch