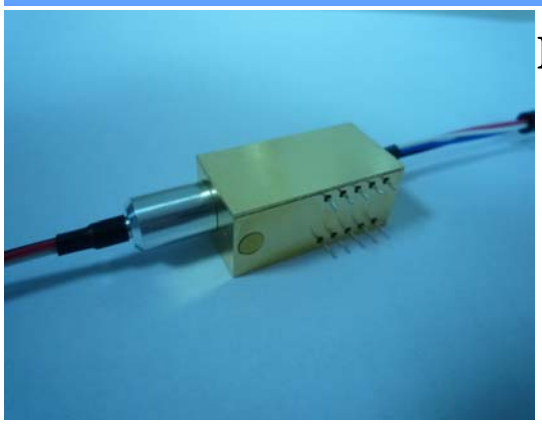
MM Dual 2x2 Bypass Mechanical Fiber Optic Switch



Features

- Low Insertion Loss and PDL
- Complete Wavelength Selection

Applications

- Telecommunications
- FTTH, CATV, LAN

LATCHING TYPE SPECIFICATIONS

PARAMETERS	SPECIFICATION	PARAMETERS	SPECIFICATION
Insertion Loss (Typical)	≦1.0dB (<0.7dB)	Durability	≧10 million cycles
Return Loss	≧35dB	Optical Input Power	500mW
PDL	≦0.1dB	Operating Voltage	5V±10%
Repeatability	±0.02dB	Operating Current	40mA
Crosstalk	≧35dB	Operating Temperature	0~70℃
WDL	≦0.25dB	Storage Temperature	-40~85℃
Switching Time	≦20ms		
Dimensions	38mm*11mm*13.6mm		

W S C 2 ☐ ☐ 2 2 1 3 ☐ ☐ ☐ 0

Wavelength 1

1=1550
2=1310
3=1310/1550
4=850
5=980
6=O Band
7=C Band
8=L Band
9=C+L Band
X=others

Wavelength 2

1=1550
2=1310
3=1310/1550
4=850
5=980
6=O Band
7=C Band
8=L Band
9=C+L Band
X=others

Control Type

1=latching
2=non-latching

Packaging Type (mm)

3=38*11*13.6
X=others

Fiber Type

3=0.9mm,
MM 50/125um
5=0.9mm,
MM 62.5/125um
X=others

Fiber Length

1=1m
2=2m
3=3m
.....
X=others

Connector Type

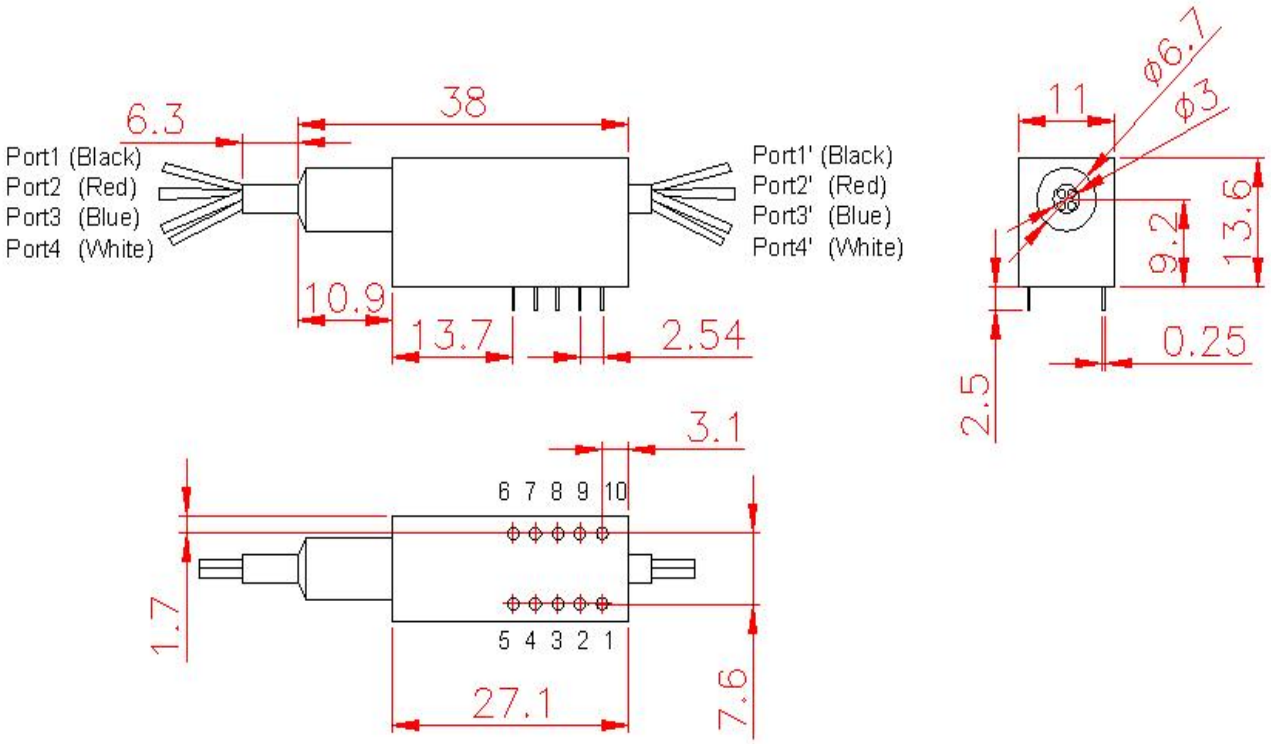
0=None
F=FC/PC
S=SC/PC
T=ST/PC
L=LC/PC
M=MU/PC
E=E2000/PC
A=FC/APC
B=SC/APC
C=LC/APC
D=E2000/APC
X=others

RoHS Version

0=Yes
1=None

WANSHING OPTICAL CO., LTD
3F No.53, Sec 2, Jhonghua Rd., Sinjhuang City,
Taipei County 24246, TAIWAN, R.O.C.
HOMEPAGE: http: www.wanshing.com.tw e-mail: info@wanshing.com.tw

Mechanical Dimensions (Unit:mm)



Electrical Connector Configurations

Optical Path	Electrical Drive				Status Sensor			
	Pin 1	Pin 5	Pin 6	Pin 10	Pin 2-3	Pin 3-4	Pin 7-8	Pin 8-9
1 ↔ 1′, 2 ↔ 2′ 3 ↔ 3′, 4 ↔ 4′	+V Pulse	Gnd	N/A	N/A	Open	Close	Close	Open
1 ↔ 3′ 2 ↔ 4′	N/A	N/A	Gnd	+V Pulse	Close	Open	Open	Close