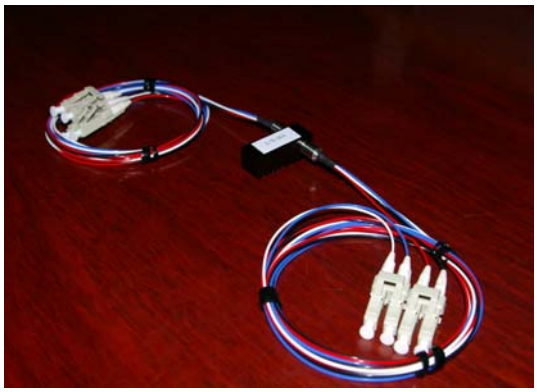
MM Dual 2x2 Bypass Mechanical Fiber Optic Switch



Features

- Low Insertion Loss and PDL
- Complete Wavelength Selection

Applications

- Telecommunications
- FTTH, CATV, LAN

LATCHING TYPE SPECIFICATIONS

PARAMETERS	SPECIFICATION	PARAMETERS	SPECIFICATION
Insertion Loss	≦1.0dB	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	30mm*13mm*8.5mm		

W S C 2 ☐ ☐ 2 2 1 2 ☐ ☐ ☐ 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)

2=30*13*8.5
X=others

Fiber Type

0=0.25mm, SM 9/125um
1=0.9mm, SM 9/125um
2=0.25mm, MM 50/125um
3=0.9mm, MM 50/125um
4=0.25mm, MM 62.5/125um
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

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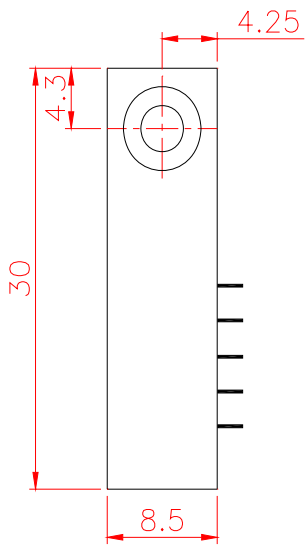
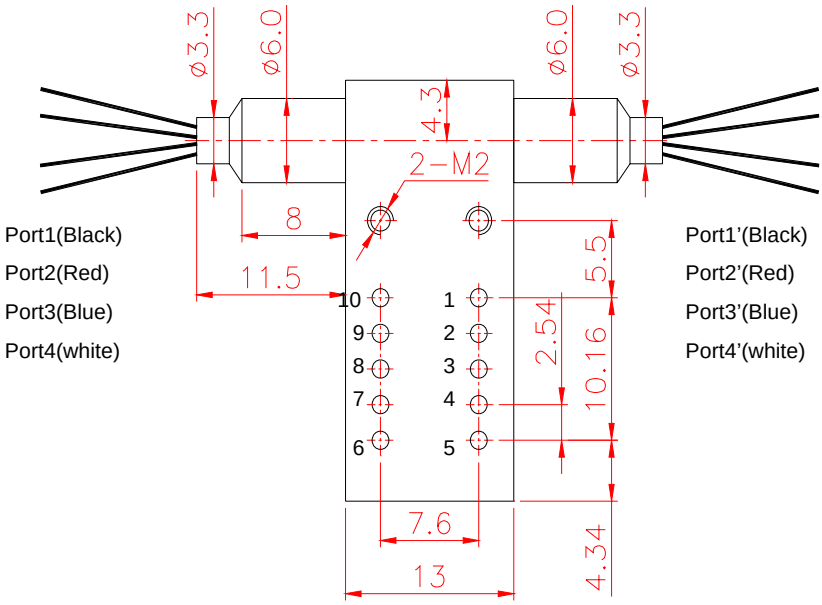
Mechanical Dimensions (Unit:mm)

Side View



Back View



Port1(Black)
Port2(Red)
Port3(Blue)
Port4(white)

Port1'(Black)
Port2'(Red)
Port3'(Blue)
Port4'(white)

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