SM Dual 2x2 Bypass Mechanical Fiber Optic Switch

Features

- Low Insertion Loss and PDL
- Complete Wavelength Selection

Applications

- Telecommunications
- FTTH, CATV, LAN

DUAL COIL LATCHING TYPE SPECIFICATIONS

PARAMETERS	SPECIFICATION	PARAMETERS	SPECIFICATION
Insertion Loss (Typical)	≦1.0dB (<0.7)	Durability	≧10 million cycles
Return Loss (Typical)	≧50dB (>55)	Optical Input Power	500mW
PDL	≦0.1dB	Operating Voltage	5V±10%
Repeatability (Typical)	±0.03dB (0.01)	Operating Current	40mA
Crosstalk (Typical)	≧50dB (>55)	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 1 ☐ ☐ 0

Wavelength 1
1=1550
2=1310
3=1310/1550
X=others

Wavelength 2
1=1550
2=1310
3=1310/1550
X=others

Control Type
1=Dual Coil Latching
2=Non-Latching
3=Single Coil Latching

Packaging Type (mm)
3=38*11*13.6
X=others

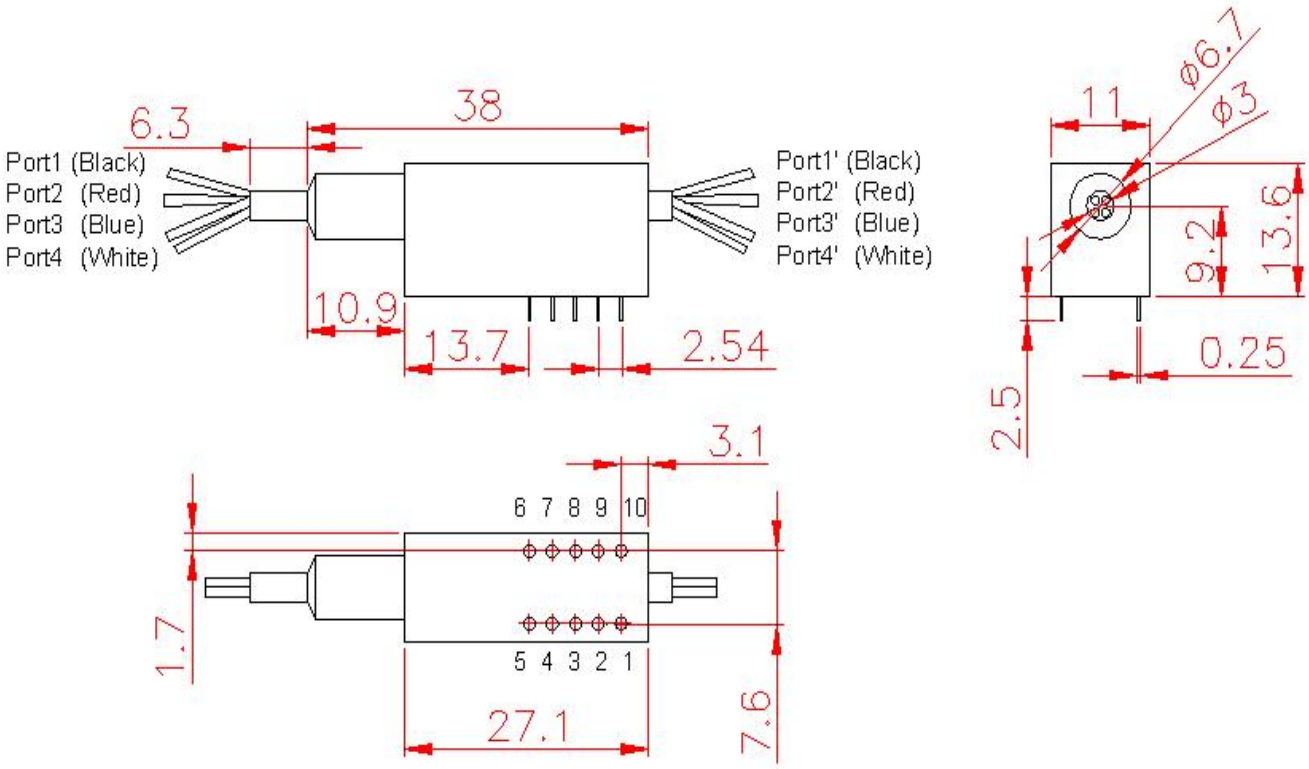
Fiber Type
1=0.9mm, SM 9/125um
X=others

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

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 Pin Configuration

Optical Path	Electrical Drive				Status Sensor			
	Pin1	Pin5	Pin6	Pin10	Pin2-3	Pin3-4	Pin7-8	Pin8-9
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