

Optical Switch (2x2)

Features	
Low Insertion Loss High crosstalk Compact package	
Application	
OXC, OLP, ROADM Wavelength switch of testing system Channel switch of optic sensor system	

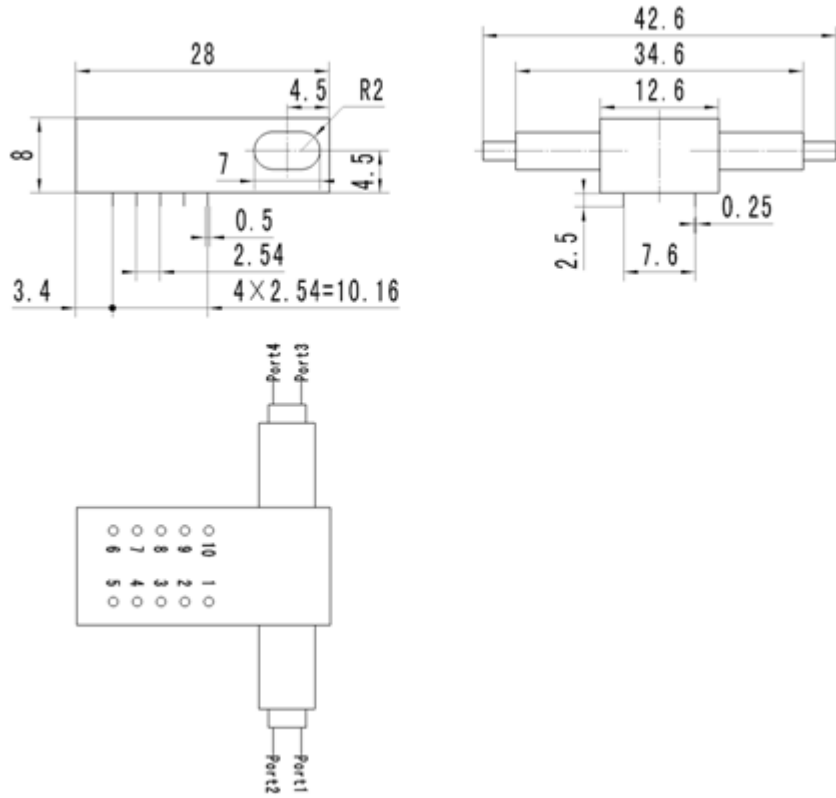
Specifications

Parameters	Value
Port	2x2
Operating Wavelength (nm)	1310,1550, 1310/1550
Insertion Loss (dB)	Typ:0.8 Max:1.0
Return Loss (dB)	≥55
Crosstalk (dB)	≥55
PDL (dB)	≤0.05
WDL (dB)	≤0.25
TDL (dB)	≤0.25
Repeatability (dB)	≤±0.02
Lifetime (times)	≥10 ⁷
Switch Time (ms)	≤5
Transmission (Mw)	≤500
Operating Temperature (°C)	-5~+70
Storage Temperature (°C)	-40~+85
Dimension (mm)	28 x12.6x8

PINS

Type		Electric Drive				Status Sensor	
2x2		1	5	6	10	3-4 7-8	2-3 8-9
Latching	1-4 2-3	+5V	GND	N/A	N/A	CLOSE	OPEN
	1-3 2-4	N/A	N/A	GND	+5V	OPEN	CLOSE
Non-Latching	1-4 2-3	+5V	N/A	N/A	GND	CLOSE	OPEN
	1-3 2-4	N/A	N/A	N/A	N/A	OPEN	CLOSE

Dimensions



Ordering Information

OSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	2x2	13=1310nm 15=1550nm 1315=1310/1550	L=Latching N=Non-Latching	250=250um bare fiber 900=900um loose tube	1=SMF-28e 2=50/125 3=62.5/125	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other