


High Power Optical Switch (1x1,1x2)

Features	
Low Insertion Loss High crosstalk Compact package	
Application	
Cofiguratable OADM Optical Cross and connection system Network Monitor Optical fiber ring protection	

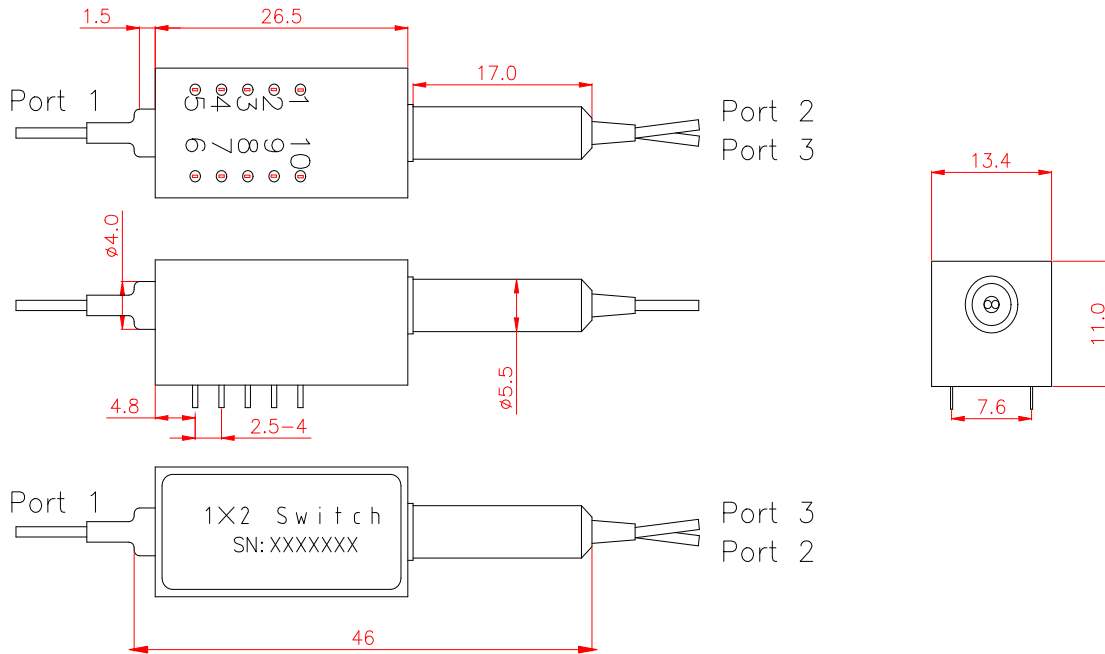
Specifications

Parameter	Value	
Type	1x1, 1x2	
Wavelength (nm)	1310 +/-30 or 1550+/-30	1310+/-30&1550+/-30
Insertion Loss (dB)	≤0.7(Typ 0.6)	≤0.9(Typ 0.7)
Cross Talk (dB)	≥55	≥55
Return Loss (dB)	≥55	≥55
Repeatability (dB)	±0.05	
Switch Time (ms)	10	
Lifetime (cycle)	>1,000,000	
Switch mode	Latching or Non-latching	
Operating Temperature (°C)	-5 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Drive Voltage (V)	5 ±0.5 DC or 5V Pulse	
Work Current (mA)	<50	
Power Handling(W)	<10	
Fiber Type	SMF-28e	
Fiber length (m)	Read order information	
Dimension (LxMxH) (mm)	(L)26.5×(W)13.4×(H)11	

Electrical Drive

Optical Path	Electrical Drive		Status Sensor					
	Pin1	Pin10	Pin5	Pin6	Pin2-3	Pin3-4	Pin7-8	Pin8-9
1-2	+V Pulse	GND	N/A	N/A	open	close	close	open
1-3	GND	+V Pulse	N/A	N/A	close	open	open	close

Package Dimension



Ordering Information

HOS W	Wavelength	Type	Power Handling	Mode	Pigtail Type	Length	Connector
	1310=1310nm	1=1x1	0A=10W	L=Latching	1=250um bare fiber	H=0.5m	0=None
	1550=1550nm	2=1X2		N=Non-Latching	2=900um loose tube	8=0.8m	1=FC/UPC
	3155=1310/1550nm				4=2mm cable	1=1.0m	2=FC/APC
						5=1.5m	3=SC/APC
						2=2m	4=SC/UPC
							6=LC/PC