

# 2X2 Optical Switch

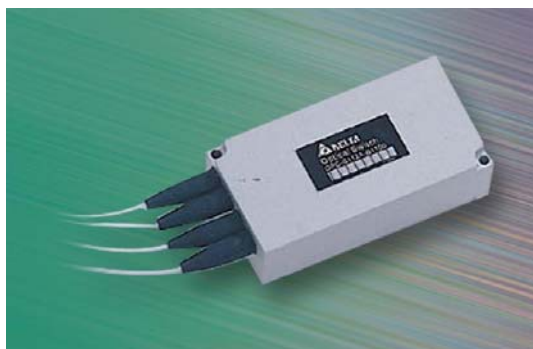
## OPTOMECHANICAL TYPE

### Features:

- Designed to meet Bellcore 1073, 1221 performance and reliability standards
- Low insertion loss of 0.8 dB, typical
- High repeatability and low crosstalk at <-70 dB
- Reduce fiber routing problems
- Patented optics permit operation from 0~65°C
- Operate under direct control
- Latching/non-latching style available

### Applications:

- System redundancy
- Add/Drop
- Ring restoration
- Signal routing
- R&D laboratories
- Component testing



Model Name : OPC-S122A-XXXX

Specifications	Unit	Typical	Maximum
Insertion Loss <sup>1,2</sup>	dB	0.8	1.0
Return Loss	dB	-60	-55
Crosstalk	dB	-70	-65
Polarization Dependent Loss	dB	< 0.1	
Wavelength Window <sup>3</sup>	nm	1280~1340 and 1520~1580	
Fiber Type <sup>4</sup>		Single Mode	
Switching Time (ms)	ms	< 15	
Nominal Operating Voltage <sup>5</sup>	V <sub>dc</sub>	5	
Control		Direct	
Repeatability	dB	±0.02	±0.05
Optical Input Power	mW	300	
Durability	cycle	10 million	
Housing Dimensions (HxWxL)	mm	14x26x50	
Operating Temperature	°C	0 ~ 65	
Storage Temperature	°C	-40 ~	

All specifications referenced without connectors

1. Insertion loss based on 1550 nm single wavelength
2. Add 0.2 dB for 1310/1550 nm dual wavelength
3. Optimized at 1310 or 1550 nm (other wavelength available upon request)
4. Multimode switches available upon request
5. Operating voltage range from 4.75 to 5.5 volts (at room temperature)

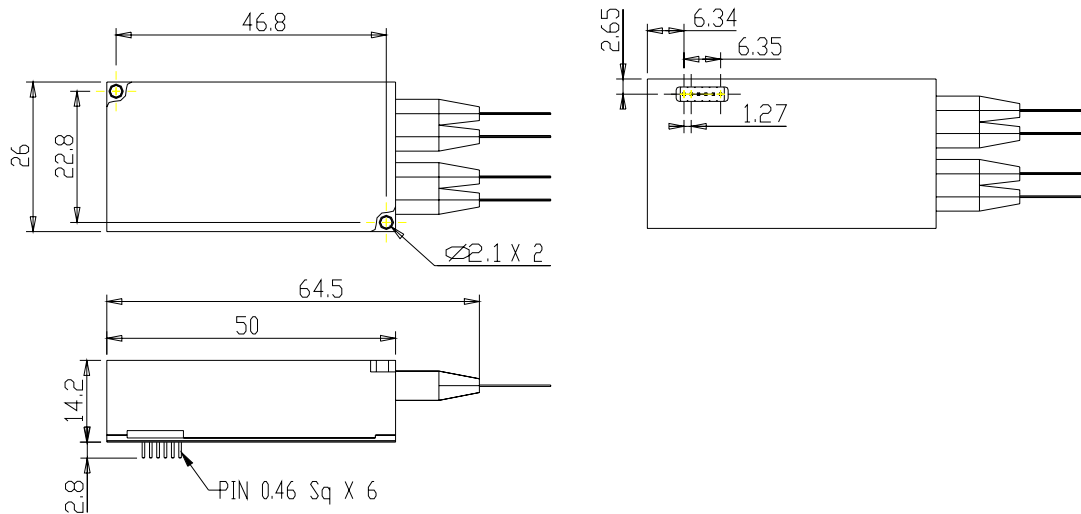
DELTA ELECTRONICS, INC.

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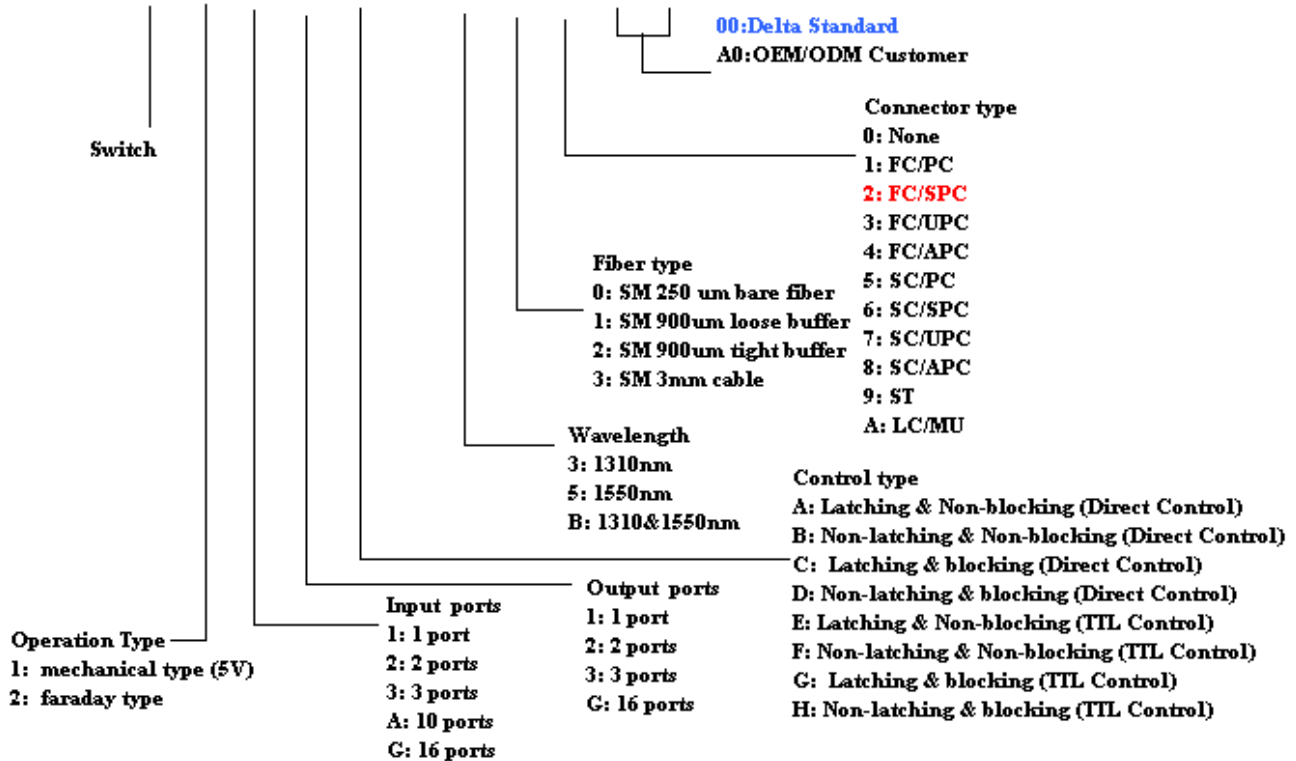
<http://www.deltaww.com>

## Dimension :



## Order Information :

OPC - S X X X X - X X X X X



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