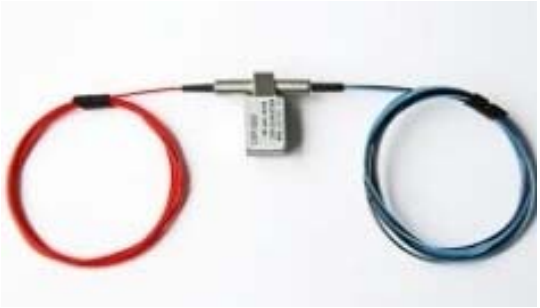
OSTenp Co.,Ltd
OST15HP16B0211

1×2 multi-mode Mechanical Optic Switch

Features

- ●Low insertion loss
- ●Wide wavelength range
- ●Low crosstalk
- ●High stability and reliability
- ●Epoxy-free optical path
- ●Latching and non-latching



Applications

1. R&D in laboratory
2. System monitoring
3. Configurable OADM
4. Metropolitan area networks
5. Component testing

Pins Definitions

Optical Route		Optical Route 1-2		Optical Route 1-3	
Electricity driving	Non-latching	Pin1	Pin10		
	Latching	Pin1	Pin5	Pin6	Pin10
		V+	GND	GND	V+
State	Latching/Non-latching	Pin2-3, Pin8-9 open		Pin2-3, Pin8-9 close	
		Pin3-4, Pin7-8 close		Pin3-4, Pin7-8 open	

Specifications

Parameter	Value			
Operating wavelength (nm)	850,1310 or 1510 ± 40		850/1310,850/1550,1310/1550	
Insertion Loss (dB)	P Grade	A Grade	P Grade	A Grade
	< 0.8	< 1.0	< 1.0	< 1.2

Contact your OSTenp representative for information on specifications and availability.

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WDL (dB)	≤ 0.25	≤ 0.25	≤ 0.30	≤ 0.30
PDL (dB)	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05
Crosstalk (dB)	>35			
Return Loss(dB)	> 35			
Switching Time (ms)	<10 (Typ.4)			
Operating voltage (V)	5			
Rated power (mW)	500			
Durability	>10 million			
Operating Temperature(°C)	0 ～ +70			
Storage Temperature (°C)	-45 ～ +85			
Fiber Type	50/125 or 62.5/125 Multimode			
Fiber Length (m)	1.0 +/- 0.1			
Dimensions (LxWxH) (mm)	L32.76 × W12.6 × H11			

Ordering Information

Optical switch	Port Type	Control Type	Wavelength	Fiber Type	Pigtail Type	Fiber Length	Connector
	1X2=1X2	L=Latching N=Non-latching	85=850nm 98=980nm 13=1310nm 15=1550nm 35=1310&1550 nm 00=customized	SM=SMF-28E M5=MM50/125 M6=MM62.5/125 S= customized	09=900um loose tube 90=900um tight buffer 20=2.0mm fiber 30=3.0mm fiber	0.5=0.5m 10=1.0m 15=1.5m 20=2.0m S= customized	NA=None FP=FC/PC FA=FC/APC SP=SC/PC SA=SC/APC LP=LC/UPC LA=LC/APC MU=MU/UPC S= customized

＊詳細は、お手数ですがお問い合わせフォームにお願いします。

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