

Mini 1x4/1x8 OSW



Product Introduction

Mini 1x4/1x8 OSW is free-space designed optical switch based on mechanism. It is widely used in optical line monitoring (OLM), optical fiber sensing and testing. It features excellent optical characteristics with wide operating wavelength range, low IL, low PDL and high reliability.

Features

- Latching
- Wide operating wavelength range
- Low IL and PDL
- high reliability

Applications

- Optical line monitor (OLM)
- Optical sensing
- Fiberoptic components test and measurement

Standards

- Telcordia GR-1073-CORE
- RoHS

Specifications

Parameter	Unit	Specifications		
		Min	Typical	Max
Operating Wavelength	nm	1290~1330 AND/OR 1525~1610		
Insertion Loss	1x4	dB		1.2
	1x8			1.5
Return Loss	dB	45		
Polarization Dependent Loss	dB			0.1
Crosstalk	dB	60		
Repeatability	dB			±0.05
WDL	dB			0.2
Switch Time	ms			20

Durability	times	10 ⁷		
Switch Voltage	V	4.5		6.5
Switch Current	mA			120
Power Handling	mW			500
Operating temperature	℃	-5		+65
Operation Humidity	%RH	5		95
Storage Temperature	℃	-40		+85
Storage Humidity	%RH	5		95
Size	1x4	mm	55x54x12	
	1x8		55x54x12	

Ordering Information

OSW- □-□-□-□-□-□-□



Connector: 00:no conector; LC, FC, SC, MU/ UPC ,APC

Fiber Mode: S:Single Mode

Switch Mode: L: Latching

Fiber Length: 1:1m、customer specify

Fiber Type: 09: Φ0.9mm

Wavelength: 1310: 1290-1330nm、1550:1525-1610

Type: 14M:1x4、18M:1x8

