

Rof-MODL Series

Adjustable electric optical delay module

Rof-MODL fiber optic delay line Module series electric optical adjustable delay device is an electronic control, accurate adjustment of optical delay device, with high integration and low cost characteristics, the device can provide 300ps, 660ps, 1000ps, 1200ps, 2000ps optical delay. Accurate delay control is achieved by remote control via RS-232, RS485 or RS422 interfaces. For the convenience of users, portable LCD controllers can also be provided.

Feature

- Low insertion loss
- High integration, electric control
- Stable and reliable

Application

- Optical interferometer, Optical Coherence Tomography, optical coherence Communication, Radar calibration, Spectral detection, etc.

Parameters

parameter	ROF-MODL -300	ROF-MODL -600	ROF-MODL -1000	ROF-MODL -1200	ROF-MODL -2000
Optical delay range	0~300 ps	0~660 ps	0~1000 ps	0~1200ps	0~2000ps
Minimum Resolution Delay	4.2fs	4.2fs	4.2fs	4.2fs	8.4fs
Optical delay accuracy	34 fs				68fs
insertion loss	<1.5 dB	<1.5 dB	<2 dB	<2dB	<3 dB
Insertion loss variation	±0.5 dB				±0.7 dB
Return loss	>55 dB				
Working wavelength	1310 nm\ 1550 nm\ 1310nm&1550nm				
Optical power threshold	300 mW				
Electrical interface	RS-485 (RS232、422 Explanation when placing an order)				
working temperature	0~50°C (Screening is required for temperatures below 0 degrees)				
Storage temperature	-20~70°C				
External dimensions	110*45*29 mm	160*45*29 mm	210*45*29 mm	210*45*29 mm	237*39*36 mm
Tail fiber type	SMF-28、Panda PM				



Ordering information

ROF	MODL	XXX	XX	XX	XX	XX
	Adjustable electric optical delay module	Delay range : 300--300ps 660—660ps 1000—1000ps 1200---1200ps 2000---2000ps	Working wavelength: 13---1310nm 15---1550nm 35---1310&1550nm	Fiber type: S---SMF P---PMF	Fiber optic connector: FP---FC/PC FA---FC/APC SP--User Specified	fiber length: 10---1m 15---1.5m SP---User Specified

*If you have any special requirements, please contact our sales personnel