



ENLIGHT TECHNOLOGIES
PATH TO INNOVATIVE SOLUTIONS

Fiber Optical Time Delay

Specifications

Parameters	Values	unit
Wavelength ^[1]	400 ~2200	nm
Delay Range	167, 330, 660, 1500, 3000 or customized range	ps
Insertion Loss ^[2]	0.8 - 1.2	dB
IL variation ^[2]	0.2	dB
Resolution ^[3]	≤10	fs
Repeatability	≤± 10	fs
PDL ^[4]	≤ 0.15	dB
PER ^[5]	≥18	dB
Optical Power (CW) ^[6]	500	mW
Fiber Type	SM fiber, PM fiber, LMA fiber, MM fiber	
Operating Temperature	-10 to +85 or -40 to +85	°C
Storage Temperature	-40 to +85	°C
Package Dimension	150 x 38 x 38(330ps)	mm
Control type	Manual, motorized with/without controller	

[1] Working wavelength range of each device depends on specified CWL

[2] : 660ps c-band or O-band version

[3] : For motorized model

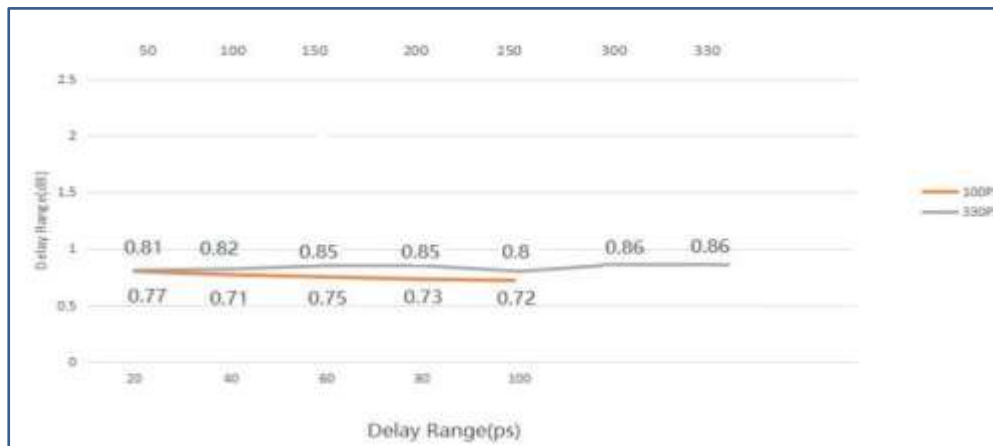
[4] : For SM fiber version

[5] : For PM fiber version, without connector.

[6] High power version available upon request. Contact us for details.

We provide customized TD. Please [Contact us](#) to discuss your details requirements.

Example IL result:





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Ordering information:

FOTD -	Control	CWL	Delay Range	Fiber Type	Fiber Lead	Fiber Jacket	Connector	CPN
	Motorized	xx nm	167ps	SMF-28	0.5m	0.9mm	FC/UPC	Issue a CPN# for your convenience of re-ordering
	Manual		330ps	PM1550	1.0m	3mm PVC	FC/APC	
	...		660ps	...	...	5mm SS	...	
						...		