

[OELAS-TPC-100]

Tunable Pulse Compressor

Features:

- Custom dispersion value
- Stable performance
- Compact
- Custom wavelength
- Fiber pigtailed

Applications:

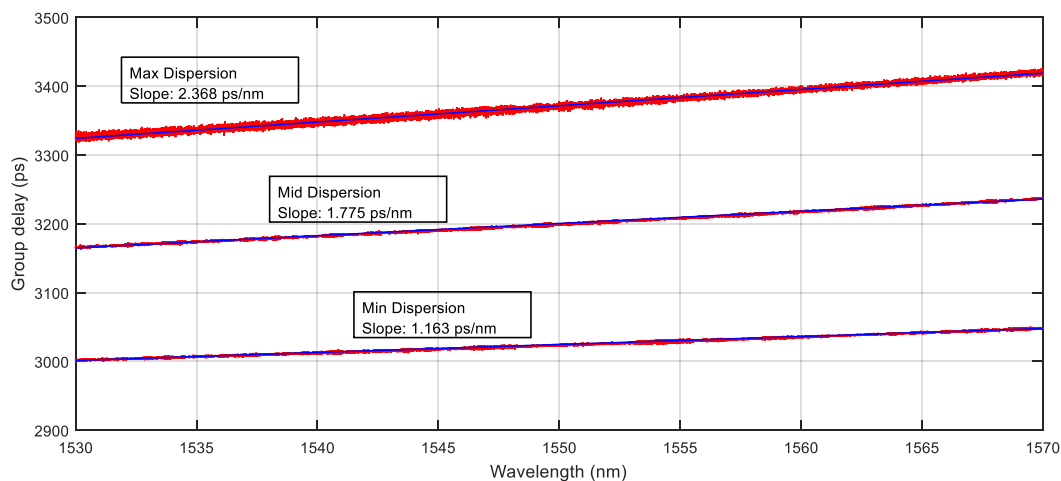
- Fiber laser
- Pulse shaping
- High-power laser
- Pulsed laser amplification

Product description:

OELAS-TPC-100 is a fiber-pigtailed, compact and tunable dispersive device designed for femtosecond pulse shaping applications. This negative dispersive device will act as pulse compressor (or pulse stretcher) based on the application. It is built using transmission gratings and designed to fill the range of dispersion values where other technologies, like prism based or fiber Bragg gratings (FBG) based are not effective.

Parameter	Unit	OELAS-TPC-100
Operating Wavelength	nm	1060-1550
Bandwidth	nm	< 60
Dispersion range	ps/nm	0- 2
Dispersion tunability*	ps/nm	> 1
Insertion loss	dB	< 2
Output fiber type	-	SM or PM
Connector	-	FC/APC, FC/PC, or custom
Operating temperature	°C	10-50

*. Higher dispersions are available upon request.



Ordering number:

OELAS-TPC-100-WL-D:	WL	D
	1060, 1550	Dispersion (ps/nm)
Example:	OELAS-TPC-100-1550-2	