

# NORTH PHOTONICS

[OEFPC-100]

## (Fixed) 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:

OETPC-100 is a fiber-pigtailed, compact and 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 a fixed dispersion values in the range where other technologies, like prism based or fiber Bragg gratings (FBG) based are not effective.

Parameter	Unit	OEFPC-100
Operating Wavelength	nm	1060-1550
Bandwidth	nm	< 60
Dispersion range	ps/nm	0- 2
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.

- All specifications are subject to change without notice.

### Ordering number:

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