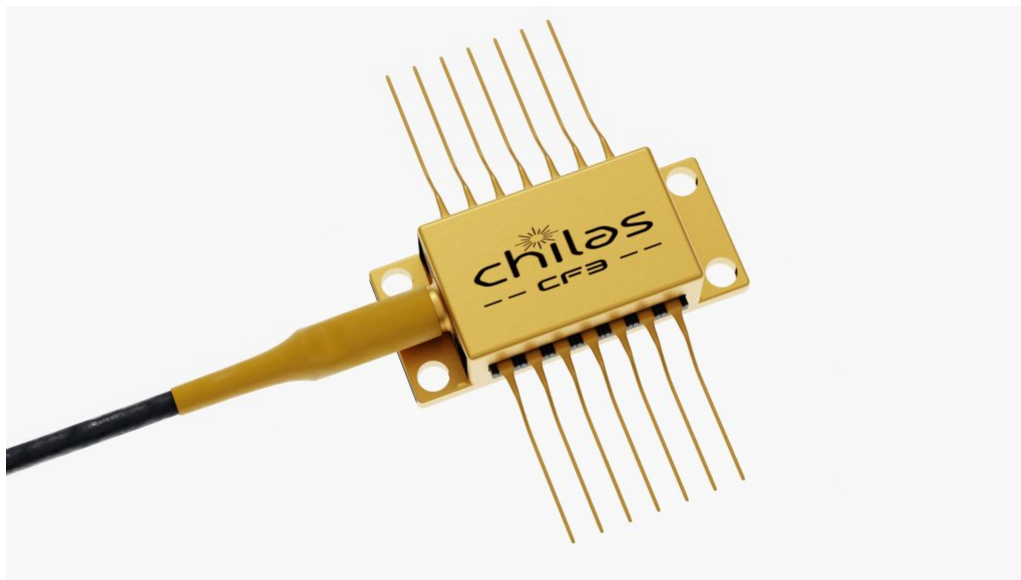




## Chilas CF3 – 1550 nm ultra-narrow linewidth laser

The external cavity laser (ECL) Chilas CF3 – 1550 nm has a tuning range of 5 nm over the C-band.



### Key features

- Ultra-narrow linewidth
- External cavity laser
- Proven long term stability
- Built-in TEC
- PM pigtail

### Applications

- LiDAR
- Fiber sensing
- Gas sensing
- and many more

### Optical specifications

| Parameter                  | Specification          |
|----------------------------|------------------------|
| Fiber output power         | > 13 dBm (10 dBm)      |
| Operating wavelength range | 1550 +/- 5 nm (C-band) |
| Intrinsic linewidth        | < 5 kHz                |
| SMSR                       | > 50 dB                |
| Mode hop free tuning       | > 0.25 nm              |