

OPTICAL FREQUENCY COMBS



Performance

- ITU grid spacing 100, 200, 400, 800 GHz
- Bandwidth >50 nm (3dB)
- OSNR >50 dB
- Linewidth <100 kHz
- C-band and O-bands available

Enlightra's optical frequency comb system is the world's first product providing push-button access to optical microcomb technology.

The system generates ultra-low-noise optical frequency combs with wide range of spacing from 20 to >1000 GHz. Generated optical comb lines feature high OSNR and can be further amplified using on-board post-amplification.

Optical microcomb generated by the system with 100-GHz comb

