

# OPTO-FIRE™ Micro-Optical Transceivers

## Product Roadmap Detail

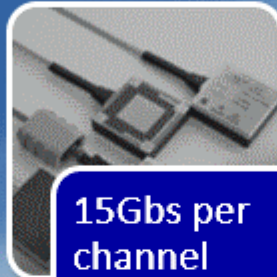
Available Now



10Gbs per channel

- 4 Tx channels
- 4 Rx channels

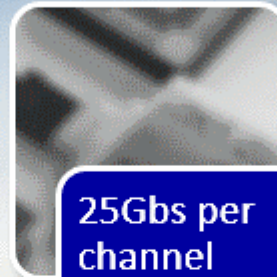
2019 Launch



15Gbs per channel

- 4 Tx, 12 Tx
- 4 Rx, 12 Rx

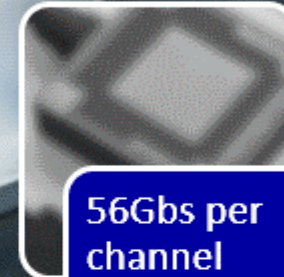
Expectation 2020



25Gbs per channel

- 4 Tx, 12 Tx
- 4 Rx, 12 Rx

Future design



56Gbs per channel

- $\geq 12$  Tx
- $\geq 12$  Rx

Device packaging for reduced weight and footprint,  
manufactured and qualified in accordance with the requirements  
of MIL-PRF-38534 Class H&K

Radiation testing - Heavy Ion Beams 60 MeV. Total Ionizing Dose  
>100 krad (Si)