IEEE’s new 25G PON standardization was completed in 802.3ca

- 25GBASE-PQX-U3/D3 compatible PMD specification (high power class)
  - Tx average launch power: max. +9dBm
  - ER: min. 5dB
  - Wavelength: 1300 +/- 10 nm
  - OMA sensitivity: max. -24.1 dBm @BER10-2
  - Channel insertion loss: 29dB (20km with 1:32 split)
  - Coexistence with 10G EPON
  - Provide MSA’s 25GS-PON compatibility

- Sample available in Q4, 2021