

## APX20D2-T02 28G ROSA with Burst-mode TIA



APX20D2-T02 is a receiver optical subassembly (ROSA) based on an Albis 28 Gbaud APD chip featuring large dynamic range and a high optical damage threshold of up to +5 dBm, and a multi-rate 25G burst-mode TIA offering high sensitivity with fast settling time.

Key strengths of this innovative APD ROSA are its exceptional sensitivity, high optical overload of up to -3 dBm and high optical damage threshold of up to +5 dBm. The low excess noise allows receiver sensitivities of -28 dBm @ BER 1e-2 with a simultaneous -25 dBm @ BER 5e-5.

This APD ROSA is optimized for 25G/50G PON OLT applications.

### Features

- High receiver sensitivity of -28 dBm
- High optical damage threshold of +5 dBm
- High responsivity: 5 A/W
- Also available with evaluation board