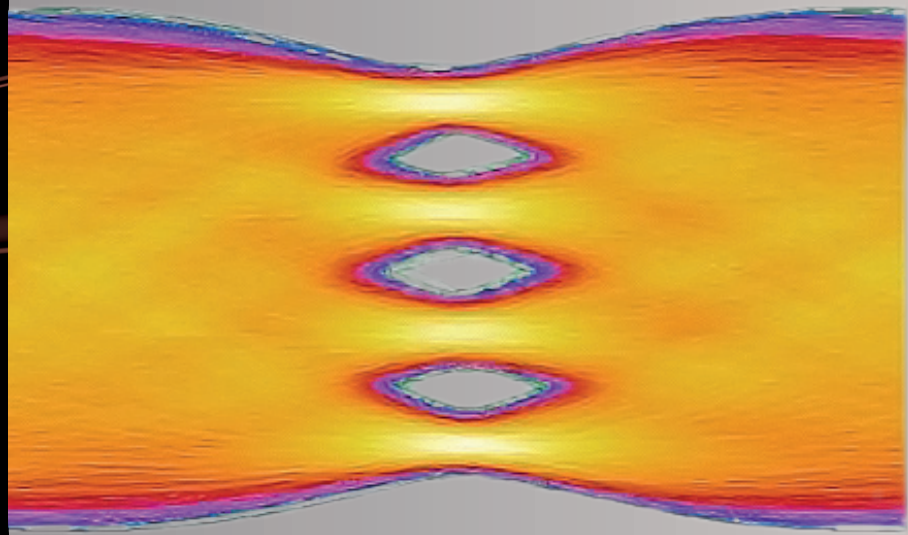


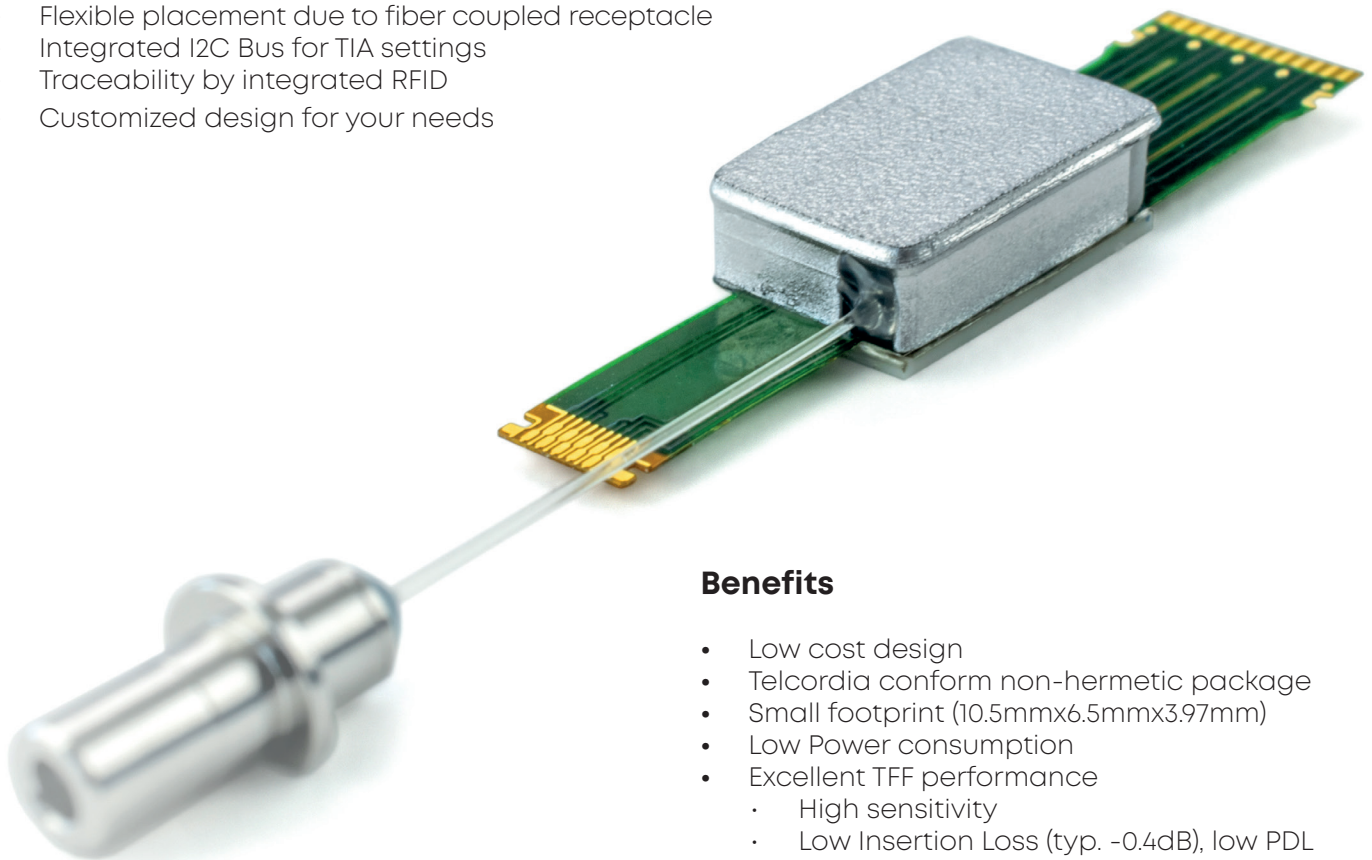
PAM4 ROSA



Flexible and compact Rosa solution for 400G and beyond

State of the art ROSA – key features

- Supports common transmission standards
 - i.e. 2x400G, 400GBase-FR4, LR4-6, LR4-10
- Integrated 4 channel MUX SWDM, LAN or CWDM
- Linear transimpedance amplifier with 56GBaud PAM4 per lane
- Standard conform transmission in combination with 5-tab FFE
- Flexible placement due to fiber coupled receptacle
- Integrated I2C Bus for TIA settings
- Traceability by integrated RFID
- Customized design for your needs



Benefits

- Low cost design
- Telcordia conform non-hermetic package
- Small footprint (10.5mmx6.5mmx3.97mm)
- Low Power consumption
- Excellent TFF performance
 - High sensitivity
 - Low Insertion Loss (typ. -0.4dB), low PDL
 - High Isolation and high Return Loss

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