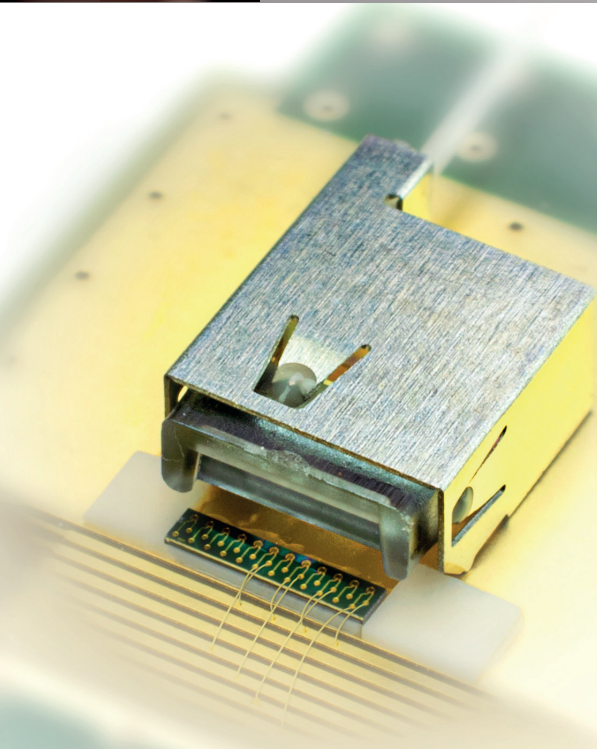


Ultra-compact multiplexer for easy and direct coupling to COB diodes, laser and silicon photonics chips

# WCM – WDM Coupling Module



## State of the art multiplexer – key features

- 2 - 8 channel SWDM, LAN to CWDM
- Tx or Rx functionality
- Tx and Rx (BiDi) in one WCM
- Supports LD / PD pitches from 250 $\mu$ m to 750 $\mu$ m
- Single- or Multimode
- SiP compatible
- Enabling COB (Chip On Board) and CPO (Co-Packaged Optics)
- Traceability by integrated RFID

## Benefits

- Low cost design
- Enabling „plug-n-play“ assembly, easy to automate
- High Packaging Density (i.e. multiple WCMs densely spaced)
- High TFF performance provides:
  - low Insertion Loss (<1dB), low PDL,
  - high Isolation and high Return Loss
- In contrast to AWGs a perfect Gaussian beam shape enables:
  - high performance coupling (for FR, LR, ER)
  - Real Single Mode beam characteristics

## HUBER+SUHNER Cube Optics AG

Eindhoven-Allee 3 | 55129 Mainz, Germany  
cubeoptics.com | info.cubo@hubersuhner.com

**HUBER+SUHNER**