

LENSED FIBERS

IDIL Fibres Optiques offers lensed fibers to focus or collimate light. This small fiber optic is exhibiting same small dimensions as an optical fiber (250 μm) does, with a stripping extremity of several millimeters. It covers the applications of laser diode, VECSEL coupling switches,...

The possibility of getting a mode field diameter of 60 μm leads to good positionning tolerances and high efficiency coupling ratio. These coupling components are also available with an angled polished face, then showing a return loss lower than -50 dB.



SPECIFICATION

| | |
|---------------------------|--------------------|
| Mode field diameter (MFD) | 5-60 μm |
| Working distance | 0-1 mm |
| Fiber type | SMF-28 |
| PDL | < 0.01 dB |
| Stripping length | > 10 mm |
| Pointing error | < 0.3 ° |

APPLICATION

Switch
Laser diode and laser coupling
Add-Drop
High power connectors

