

# 1550 nm Transmission Grating

perfect for singlemode fiber

## High Performance Grating for 1550 nm wavelength

At 1550 nm wavelength you will get minimum losses through the fiber.

Unpolarized and polarized gratings are available.



“Efficiencies up to 99.5% – incl. AR-Coating!”

5% higher Grating Efficiency = 20% more Laser Efficiency – Due to 4-passes of the compressor gratings.

“Perfect Transmission Gratings for ultrashort pulse laser!”

## Industrial Applications:

- Telecom
- LIDAR
- Automotive
- Machine Vision

## Product Details:

- VERY GOOD HOMOGENEITY, up to 135 mm diameter
- TYP.3 OR 6.35 MM SUBSTRATES, high mechanical stability
- ALL-DIELECTRIC and ultra-pure fused silica
- NO STITCHING/PERIOD VARIATIONS, low wavefront distortions
- OPTIMAL EFFICIENCIES-due to individual Design