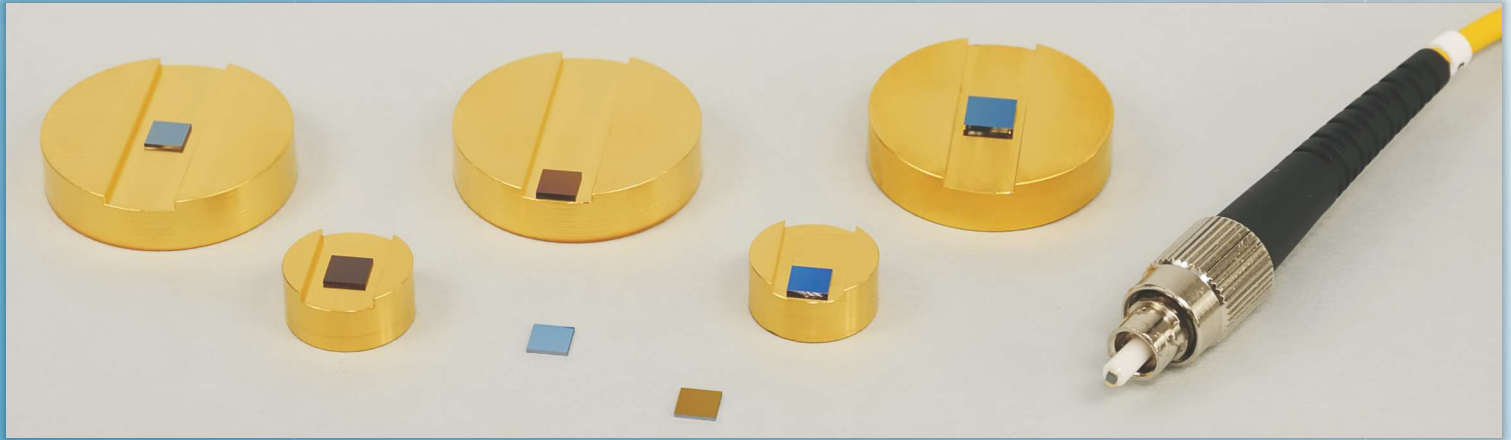
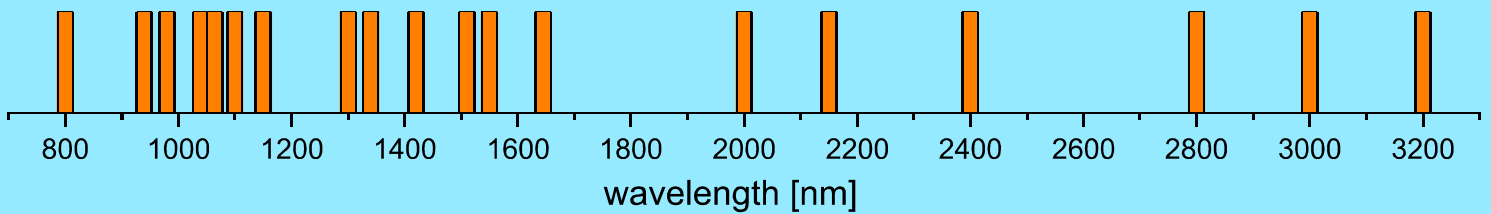


Saturable Absorber Mirrors SAM™



Available Wavelengths of Saturable Absorber Mirrors



Application:

• Mode-Locking of Solid State Bulk Laser

Absorption:	0.5 ... 10 %
Relaxation time:	500 fs ... 10 ps
Chip area:	1.3 mm x 1.3 mm to 4 mm x 4 mm
Mounting:	glued or soldered on a gold plated copper Mount with 1/2" (12.7 mm) or 1" (25.4 mm) diameter



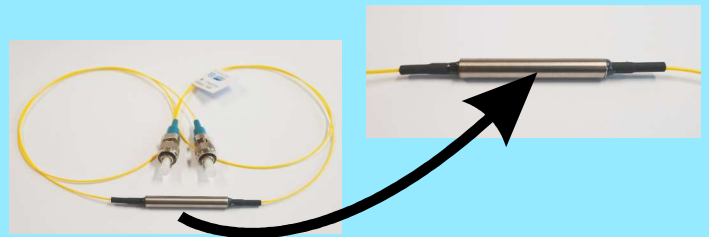
• Mode-Locking of Fiber Laser

Absorption:	10 ... 60 %
Relaxation time:	500 fs ... 30 ps
Chip area:	1.3 mm x 1.3 mm to 4 mm x 4 mm
Mounting:	batch of 1.3 mm x 1.3 mm with fiber mount FM-1.3 mounted on a single mode fiber with FC/PC or FC/APC connector and passive heat sink



SA - Saturable Absorber

- for mode-locking of solid state, ring or fiber ring laser
- use in transmission applications
- available as unmounted chips, mounted on copper heat sink or mounted inside a single mode fiber with FC/PC or FC/APC connectors



Super Flat Saturable Absorber Mirrors for Large Beam Diameters

- For high power short pulse lasers, e.g. thin disc laser
More than 100 W demonstrated!
- Radius of curvature > 50 m (typically 80 - 100 m)
- Chip size: 8 mm x 8mm
- Thickness: 1.5 mm
- Mounting: soldered on a water cooled gold plated copper mount

