Kokyo 株式会社光響
http://www.symphotony.com/ メール：info@symphotony.com

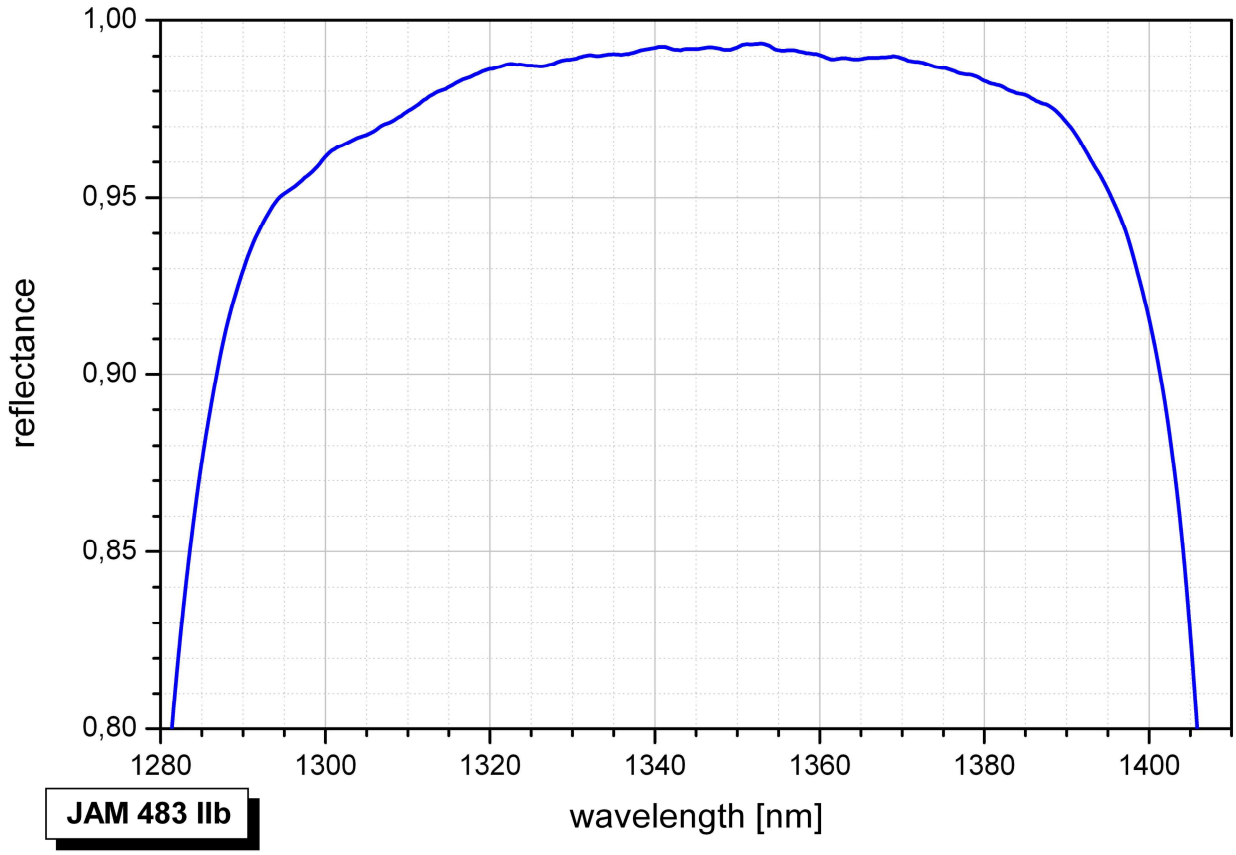
SAM™ Data Sheet SAM-1340-1-1ps-x, λ = 1340 nm

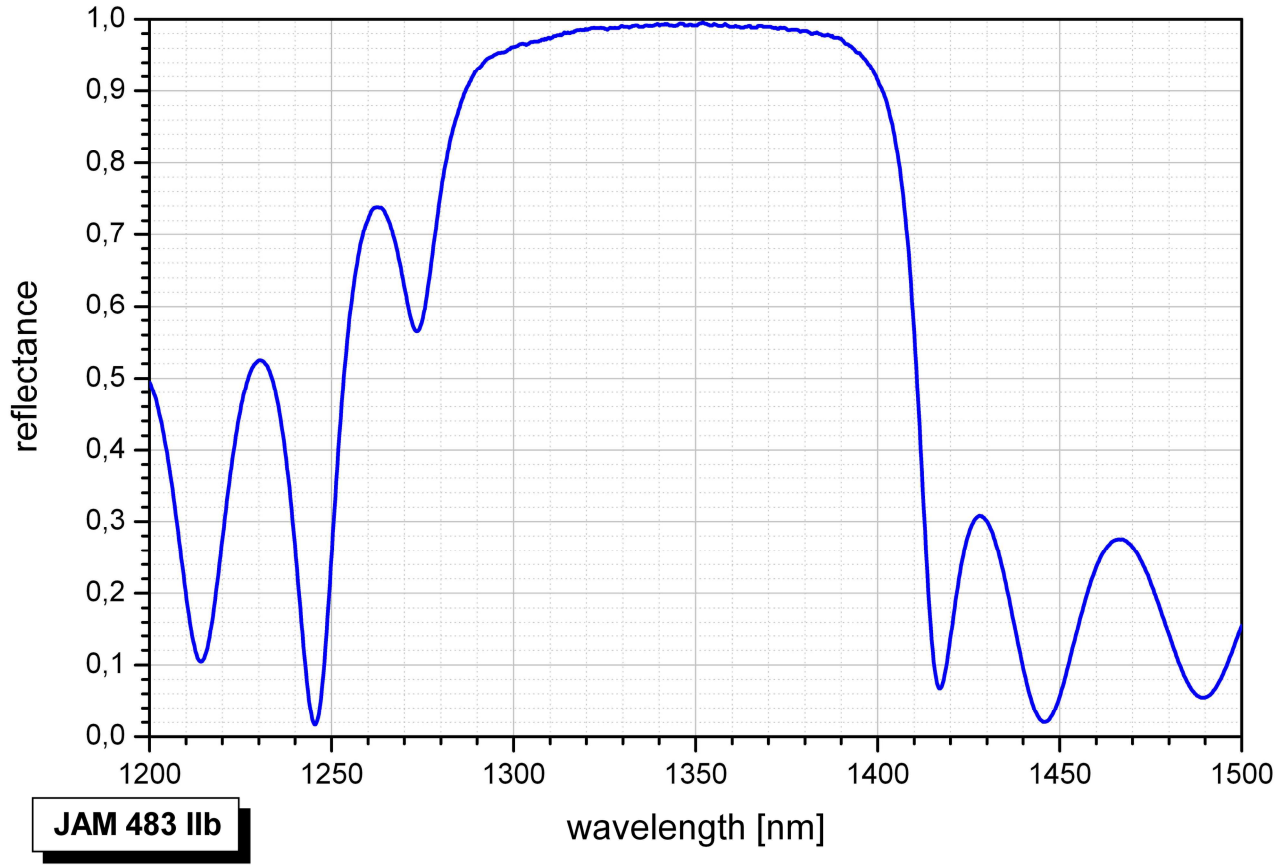
Laser wavelength	λ = 1340 nm
High reflection band	λ = 1310 .. 1380 nm
Absorbance	A_0 = 1 %
Modulation depth	ΔR =0.6 %
Non-saturable loss	A_{ns} = 0.4 %
Saturation fluence	Φ_{sat} = 90 µJ/cm^2
Relaxation time constant	τ ~ 1 ps
Damage threshold	Φ = 2 mJ/cm^2
Chip area	4.0 mm x 4.0 mm; other dimensions on request
Chip thickness	450 µm
Protection	the SAM is protected with a dielectric front layer

Mounting option **x** denotes the type of mounting as follows:

x = 0	unmounted
x = 12.7 g	glued on a gold plated Cu-cylinder with 12.7 mm ∅
x = 25.4 g	glued on a gold plated Cu-cylinder with 25.4 mm ∅
x = 12.7 s	soldered on a gold plated Cu-cylinder with 12.7 mm ∅
x = 25.4 s	soldered on a gold plated Cu-cylinder with 25.4 mm ∅
x = FC	mounted on a 1 m monomode fiber cable with FC connector

Low intensity spectral reflectance




reflectance
1,0
0,9
0,8
0,7
0,6
0,5
0,4
0,3
0,2
0,1
0,0
1200
1250
1300
1350
1400
1450
1500
wavelength [nm]
JAM 483 IIb