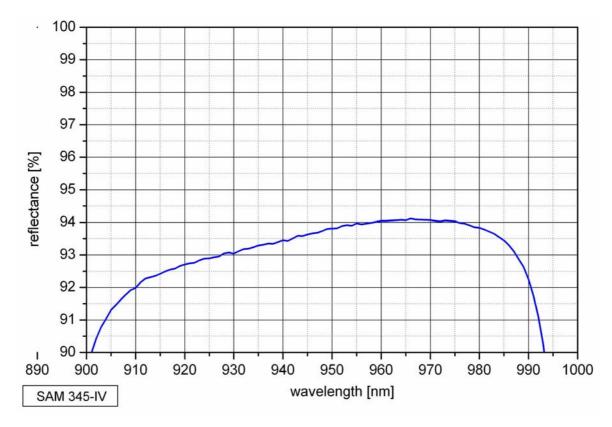


SAM[™] data sheet SAM-940-6-x-1ps, λ = 940 nm

Laser wavelength	$\lambda = 940 \text{ nm}$
High reflection band (R > 93%)	λ = 920 990 nm
Absorbance	A ₀ = 6 %
Modulation depth	$\Delta R = 3.5 \%$
Non-saturable loss	A _{ns} = 2.5 %
Saturation fluence	$\Phi_{sat} = 50 \ \mu J/cm^2$
Relaxation time constant	τ ~ 1 ps
Chip area	4mm x 4mm; other dimensions on request
Chip thickness	400 µm
Protection	the SAM is protected with a dielectric front layer
Mounting of SAM-940-6-x-1ps x = 0 x = 12.7 g x = 25.4 g x = 25.4 g x = 25.4 s x = 25.0 h x = FC	denotes the type of mounting as follows: unmounted glued on a copper heat sink with 12.7 mm \varnothing glued on a copper heat sink with 25.4 mm \oslash soldered on a copper heat sink with 12.7 mm \oslash soldered on a copper heat sink with 25.4 mm \oslash soldered on a copper heat sink with 25.4 mm \oslash mounted on a 1 m singlemode fiber cable with FC connector

low intensity spectral reflectance



BATOP GmbH Wildenbruchstraße 15 D-07745 Jena Germany Tel: +49 3641 634009 - 0 Fax: +49 3641 634009 - 20 E-mail: info@batop.de
 Deutsche Bank Jena
 VAT Reg. No: DE 813698804

 Bank Code: 82070024
 Tax Acc. No: 161/106/02514

 Account No: 3922655
 Local Court Jena HRB 112769

 IBAN: DE49 8207 0024 0392 2655 00
 Solution