

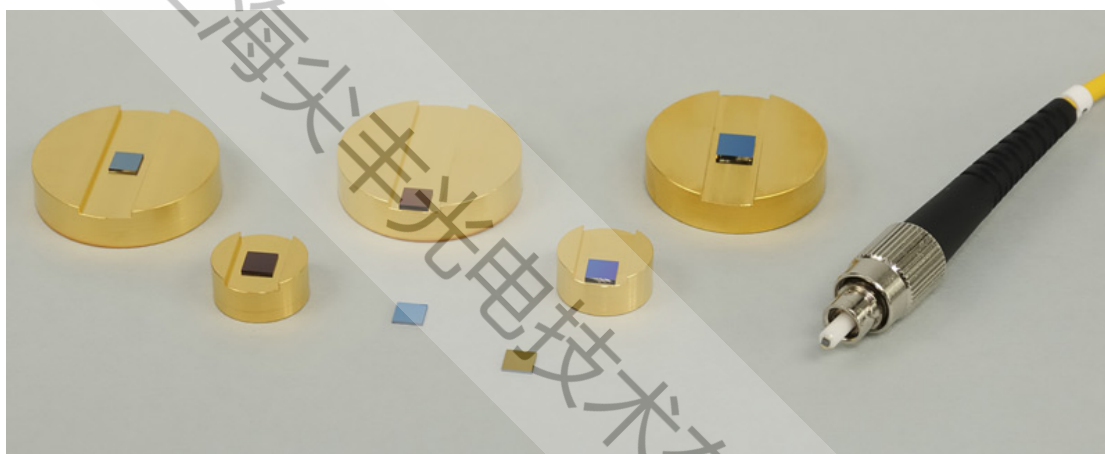
SAM 半导体可饱和吸收镜 1300nm (Saturable Absorber Mirror 1300nm)

SAM-saturable absorber mirror for laser mode locking

品牌:BATOP

型号:SAM-1300

关键词:半导体可饱和吸收镜, 可饱和吸收耦合输出镜, 共振可饱和吸收镜, 可饱和噪声去除腔, 可饱和吸收体



BATOP 现已成为用于被动锁模激光器的可饱和吸收体的世界领先供应商。可饱和吸收产品集合了各式各样的不同的器件, 从可饱和吸收镜(SESAM), 到可饱和输出镜(SOC)和用于透过应用的可饱和吸收体(SA)。迄今为止, 可饱和吸收产品已经覆盖了 800nm 到 2.6 μ m 的常用激光波长范围。

SAM product list

Wavelength region	790 nm-830 nm: 800 nm
Wavelength region	910 nm-990 nm: 940 nm 980 nm
Wavelength region	1020 nm-1150 nm: 1040 nm 1064 nm 1100 nm
Wavelength region	1110 nm-1320 nm: 1150 nm 1300 nm
Wavelength region	1320 nm-1460 nm: 1340 nm 1420 nm
Wavelength region	1470 nm-1660 nm: 1510 nm 1550 nm 1645 nm
Wavelength region	1900 nm-3200 nm: 2000 nm 2150 nm 2400 nm 3000 nm

SAM 1300	
laser wavelength	$\lambda = 1300 \text{ nm}$
high reflection band (R>99%)	$\lambda = 1220 \dots 1320 \text{ nm}$
absorption	A0 = 4 - 12 %
relaxation time	$\tau \sim 10 \text{ ps}$

型号参数:

Part No.	Delivery time	Description
SAM-1300-4-10ps-x	1 week	SAM: $\lambda = 1240 \dots 1340 \text{ nm}$, absorbance 4 %, $\Delta R = 2.5 \%$, $\tau \sim 10 \text{ ps}$
SAM-1300-7-10ps-x	1 week	SAM: $\lambda = 1220 \dots 1320 \text{ nm}$, absorbance 7 %, $\Delta R = 4 \%$, $\tau \sim 10 \text{ ps}$
SAM-1300-8-10ps-x	1 week	SAM: $\lambda = 1240 \dots 1340 \text{ nm}$, absorbance 8 %, $\Delta R = 5 \%$, $\tau \sim 10 \text{ ps}$
SAM-1300-10-10ps-x	1 week	SAM: $\lambda = 1220 \dots 1330 \text{ nm}$, absorbance 10 %, $\Delta R = 6 \%$, $\tau \sim 10 \text{ ps}$
SAM-1300-12-10ps-x	1 week	SAM: $\lambda = 1240 \dots 1340 \text{ nm}$, absorbance 12 %, $\Delta R = 7 \%$, $\tau \sim 10 \text{ ps}$