

BATOP 激光芯片 1064nm(Microchip)

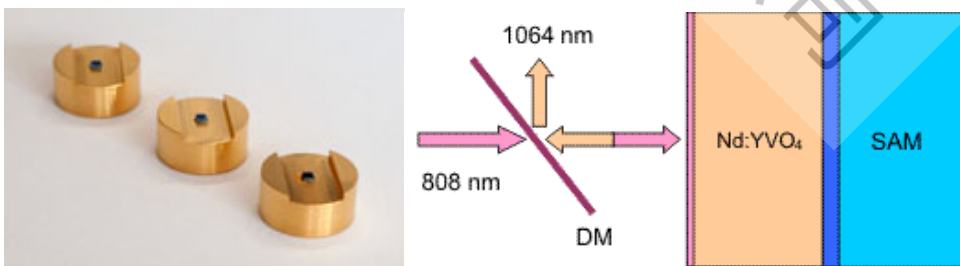
品牌： BATOP

型号： MC

BATOP GmbH 成立于 2003 年，是一家隶属于德国耶拿大学的私人创新型公司。BATOP 从事的专业领域包括：低温分子束外延技术，介质溅射镀膜，晶圆加工和芯片安装技术。在过去几年里，BATOP 已成为一个用于被动锁模激光器的可饱和吸收体的世界领先的供应商。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(SAM™)，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 2.6μm 的常用激光波长范围。另一个产品系列是用于太赫兹发射和探测的太赫兹光电导天线(PCA)。BATOP 不仅提供单带隙天线，还包括整合了微透镜的高能大狭缝交叉天线阵列和整套的太赫兹光谱仪。太赫兹光电导天线的激发波长为 800nm 到 1550nm 之间。BATOP 借助强大的研发能力来不断提高自己的产品，我们始终和客户在一起，最好的满足他们的需求。

## 产品介绍

### MC – 反射模式微芯片

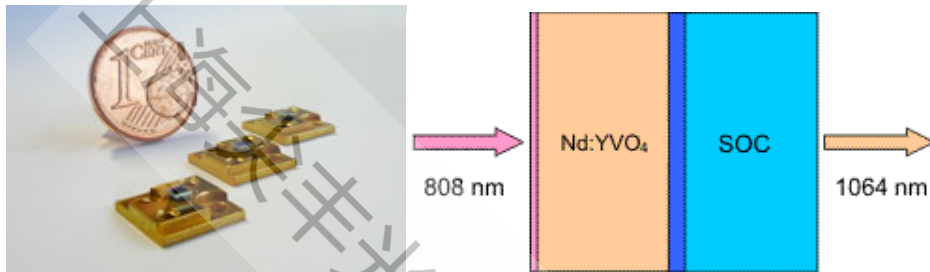


- The Nd:YVO<sub>4</sub> laser crystal is bonded with a saturable absorber mirror (SAM).
- The laser output beam is in the reverse direction of the pump beam and must be separated from pump light by using a dichroitic mirror.
- The laser output is linear polarized with the polarization direction perpendicular to the groove in the copper heat sink.

Part No.	Delivery time	Description
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MC-1064-100ps	1 week	Microchip in reflection mode $\lambda = 1064 \text{ nm}$ , pulse duration $\sim 100 \text{ ps}$ , pulse energy $\sim 20 \text{ nJ}$ , repetition rate 80 kHz - 700 kHz pump wavelength 808 nm
MC-1064-240ps	1 week	Microchip in reflection mode $\lambda = 1064 \text{ nm}$ , pulse duration $\sim 240 \text{ ps}$ , pulse energy $\sim 30 \text{ nJ}$ , repetition rate 50 kHz - 800 kHz pump wavelength 808 nm

MCT – 传输模式微芯片



- The Nd:YVO<sub>4</sub> laser crystal is bonded with a saturable output coupler (SOC).
- The laser output beam is in the same direction as the pump beam.
- The laser output is linear polarized.

Part No.	Delivery time	Description
MCT-1064-90ps	1 week	Microchip in transmission mode $\lambda = 1064 \text{ nm}$ , pulse duration $\sim 90 \text{ ps}$ , pulse energy $\sim 100 \text{ nJ}$ , repetition rate 20 kHz - 400 kHz pump wavelength 808 nm
MCT-1064-220ps	1 week	Microchip in transmission mode $\lambda = 1064 \text{ nm}$ , pulse duration $\sim 220 \text{ ps}$ , pulse energy $\sim 160 \text{ nJ}$ , repetition rate 20 kHz - 400 kHz pump wavelength 808 nm