

磷酸钛氧铷 (RTP) 是一种新型的用于SHG、OPO和电光应用的非线性光学晶体。

RTP单晶是最近由自流熔剂和电热处理后的顶部种子溶液生长法 (TSSG) 生长出来的

Rubidium Titanyl Phosphate $RbTiOPO_4$ (RTP) is a new NLO crystal for the SHG, OPO and

Electro-optic application.

RTP single crystals are recently grown by Top Seeded Solution Growth (TSSG) from self-flux and treated electro-thermally.

主要特点 Features

- 一种高重复率电光应用的优良晶体

An excellent crystal for Electro Optical applications at high repetition rate

- 无压电效应

No Piezoelectric Ringing

- 低插入损耗

Low Insertion Loss

- 温度补偿设计

Thermal Compensating Design

- 超高损伤阈值

High Damage Threshold

- 高消光比和对比度

High Extinction and Contrast Ratio

- 不潮解

Non-hygroscopic



性能参数:

Parallelism	≤ 30 arcsec
Surface Quality	20-10
Perpendicularity	≤ 15 arcmin
Dimension tolerance	± 0.1 mm