



CRYSTAL-808-532

Easy to use glued crystal assembly for generating green 532 nm laser light by pumping with 808 nm light from laser diodes. Very high efficiency. Containing both crystals Nd:YVO₄ + KTP, HR and HT coatings for a simplest and uncritical setup to make a green frequency doubled laser system. **Crystal-808-532** can be used to generate green laser light in the range of several 100 mW cw depending on the pump laser power.

Technical Specifications:

Parallelism	Less then 10 arc seconds
Coatings	<p>Input Surface: HR-(1064/532) nm, HT-808 nm R>99.8%@1064 nm, R>99%@532 nm, R<5%@808 nm</p> <p>Output Surface: HR-1064 nm, HT-532 nm, R>99.8%@1064 nm, R<5%@532 nm</p>
Output Wavelength	532 nm
Beam Mode	TEM ₀₀
Clear Aperture	>80%
Output Power	2 mW ~ 10 mW (200 mW pumped)
Size	1.3 x 1.3 x 3.5 mm ³ (Nd:YVO ₄ + KTP)
Operating Temperature	20 .. 30 °C



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