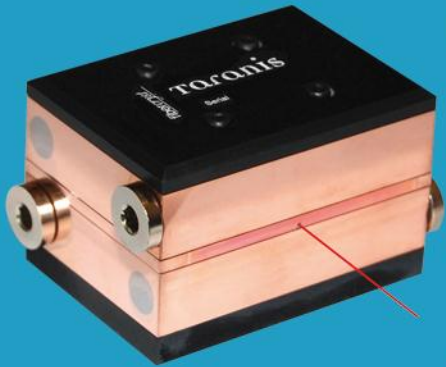


# Taranis

high power laser gain module



## FIBERCRYST PRODUCT : TARANIS-Nd-Water

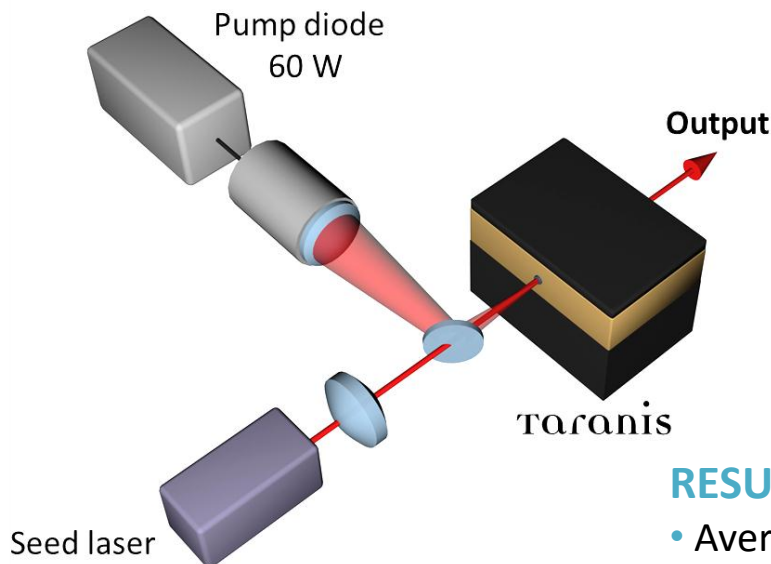
- **GAIN MEDIA :**  
Nd:YAG fiber 1x50 mm AR/AR
- **FOOTPRINT :**  
70x50 mm
- **HEAT EXTRACTION :**  
Water cooling plates

## APPLICATIONS :



## SYSTEM :

High power MOPA system



Seed laser

- 10 W
- 100 kHz
- 50 ns

## RESULTS :

- Average power : **30 W**
- Peak power : **6 kW**
- Pulse energy : **300  $\mu$ J at 100 kHz**
- Max energy : **3 mJ at 10 kHz**
- $M^2$  : 1,3
- Polarization : linear
- 1064 nm

*fibercryst*

**FIBERCRYST S.A.S**

BÂT. L'ATRIUM // BD L'ATARJET  
69616 VILLEURBANNE // FRANCE  
TÉL. : +33 (0) 426 237 119  
FAX : +33 (0) 426 689 874  
E-MAIL : [contact@fibercryst.com](mailto:contact@fibercryst.com)  
[www.fibercryst.com](http://www.fibercryst.com)

COLLABORATION WITH

**GAP**  
Lasers & Photonics

**INSTITUT  
d'OPTIQUE**  
GRADUATE SCHOOL  
ParisTech