



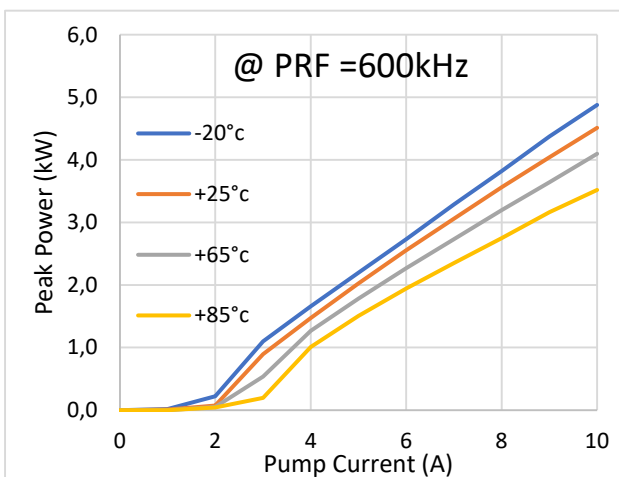
FIBER LASER ILLUMINATOR

« SELLING » STATEMENT:

A new compact design fiber laser illuminator enabling higher temperature operation, at lower price.



New fiber laser illuminator, as integrated in the BEAMAGINE/UPC demonstrator



KEY FEATURES

Outstanding performances

Achieved with the fiber laser source prototype :

- 3.3 kW output peak power @ 600 kHz
- Efficient High temperature operation
- Limited variation of the performance over the extended temperature range
- Effective reduction of the BOM of 20%

High potential for cost reduction

Path to 40% reduction to be evaluated during industrialisation step

Exploitation

Promising new opportunities on ADAS connected markets which require a combination of high-end performance (very long range and extended temperature capability).

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