



GET IN TOUCH WITH THE POWER

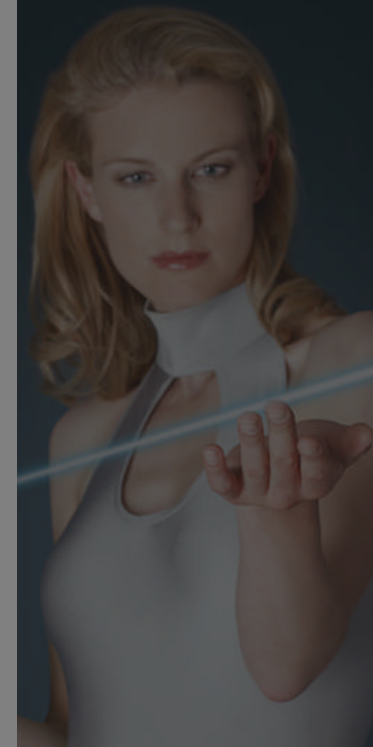
PART NUMBER SCHEME

28. OCTOBER 2008

	type	λ [nm]	Popt [mW]	chip size	package	header	variant						
EYP	-	ccc	-	nnnn	-	nnnn	-	nnnn	-	xxx	nn	-	nnnn

- Example:

EYP-DFB-0852-00040-1500-BFY02-0000

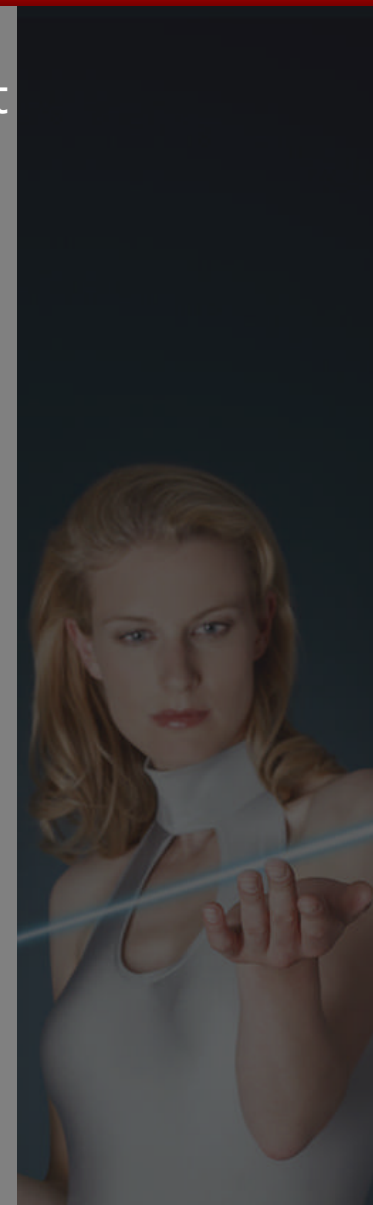


LASER TYPES

	type	λ [nm]	Popt [mW]	chip size	package	header	variant
EYP	- ccc -	nnnn	- nnnnn	- nnnn	- xxx	nn	- nnnn

- Broad Area Laser
- Broad Area Laser (extended cavity)
- Distributed Bragg Reflector
- Distributed Feedback Laser
- Ridge Waveguide (extended cavity)
- Ridge Waveguide Laser
- Tapered Amplifier
- Tapered Laser
- Tapered Laser (non-standard coating)

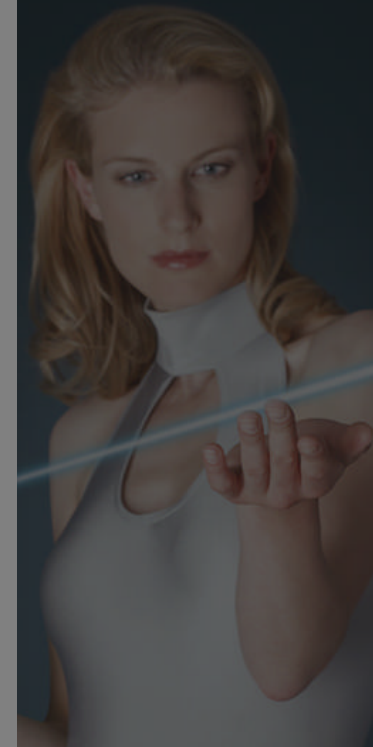
BAL
BAE
DBR
DFB
RWE
RWL
TPA
TPL
TPR



WAVELENGTH

	type	λ [nm]	Popt [mW]	chip size	package	header	variant								
EYP	-	ccc	-	nnnn	-	nnnnn	-	nnnn	-	nnnn	-	xxx	nn	-	nnnn

- for all laser types **nnnn** Wavelength nnnn nm



POWER / TUNING RANGE

type λ [nm] Popt [mW] chip size package header variant

EYP - ccc - nnnn - **nnnnn** - nnnn - xxx nn - nnnn

- BAL
- DBR
- DFB
- RWL
- TPA
- TPL
- TPR

nnnnn
nnnnn
nnnnn
nnnnn
nnnnn
nnnnn
nnnnn

Power

nnnnn mW

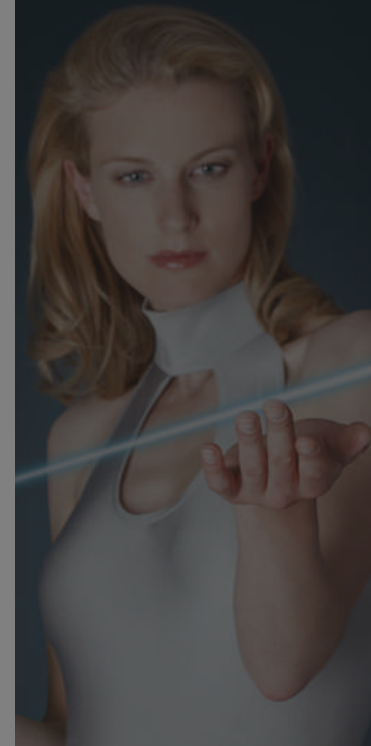
- BAE
- RWE

aaabb
aaabb

Tuning
Range

$$\lambda_{\min} = \lambda_{\text{center}} - \text{aaa nm}$$

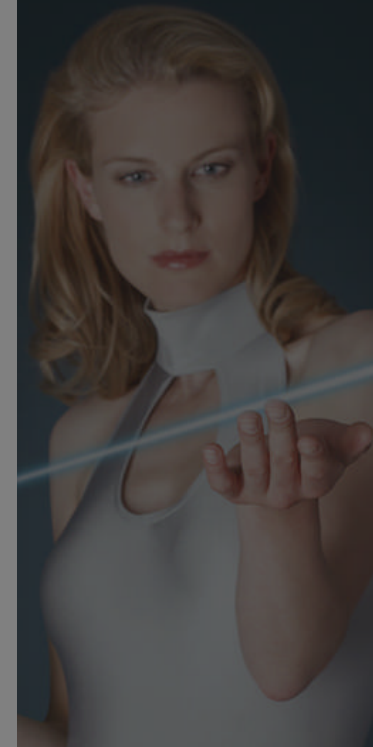
$$\lambda_{\max} = \lambda_{\text{center}} + \text{bb nm}$$



type λ [nm] Popt [mW] chip size package header variant

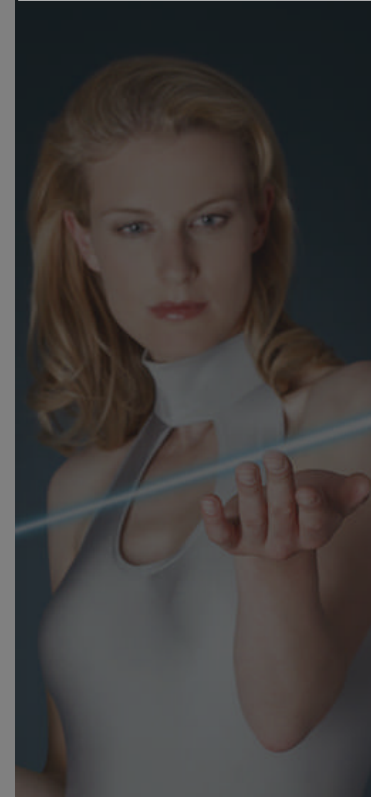
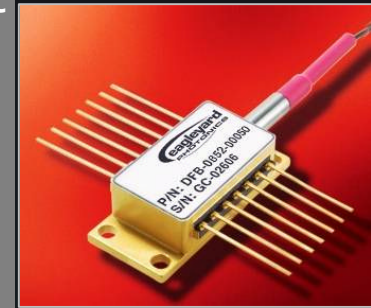
EYP - ccc - nnnn - nnnnn - **nnnn** - xxx nn - nnnn

- BAL aabb } Length
- BAE aabb } Stripe Width
- DBR nnnn } Length
- DFB nnnn }
- RWE nnnn }
- RWL nnnn }
- TPA aaab } Length
- TPL aaab } Angle
- TPR aaab }



type λ [nm] Popt [mW] chip size package header variant

EYP - ccc - nnnn - nnnnn - nnnn - **xxx** **nn** - nnnn



xxxnn

Package

- ALN26 Submount, 2mm x 6mm
- BFY02 Butterfly Package, DFB-Pining
- BFY03 Butterfly Package, DBR-Pinning
- CDLnn Package with Collimating Double Lens
- CMTnn C-Mount, Width approx. nn x 1mm
- SOTn1 SOT 9mm x 2.45mm with sealed cap
- SOTn2 SOT 9mm x 3.65mm with sealed cap
- SOT0n M-Type Pinning (standard)
- SOT1n N-Type Pinning
- TO-03 TO-03 Package
- TOC03 TOC03 Package with integrated TEC

VARIANTS

type λ [nm] Popt [mW] chip size package header variant
EYP - ccc - nnnn - nnnnn - nnnn - xxx nn - **nnnn**

nnnn Variant

- for all types 0000 Standard Product
- for all types nnnn
(n>0) Special Product
or
Customized Product

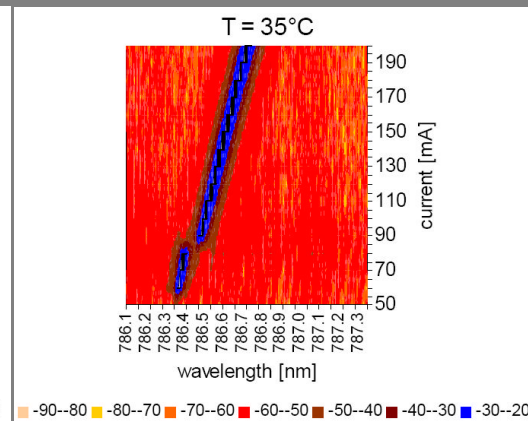
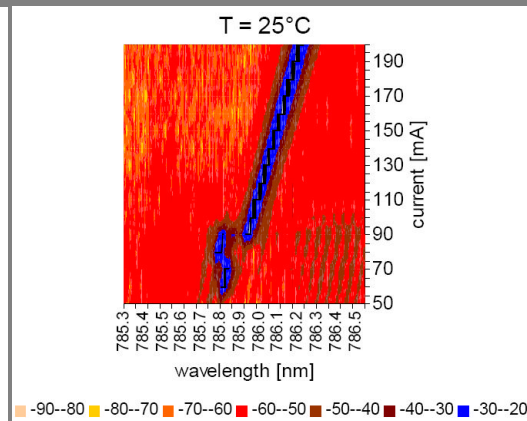
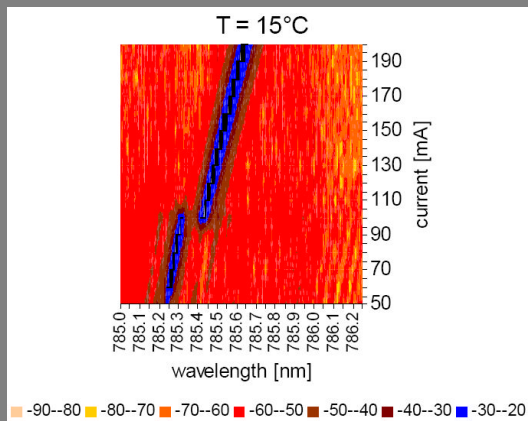
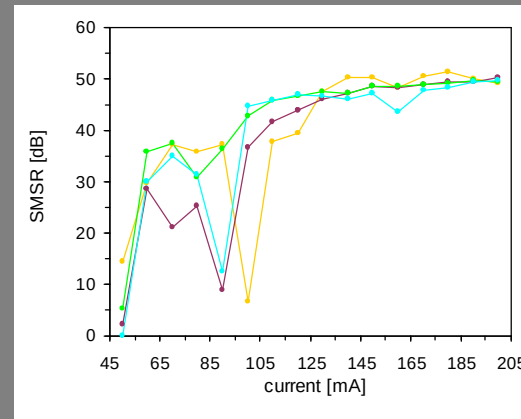


DFB-LASER VARIANTS

type λ [nm] Popt [mW] chip size package header variant

EYP - **ccc** - nnnn - nnnnn - nnnn - xxx nn - **nnnn**

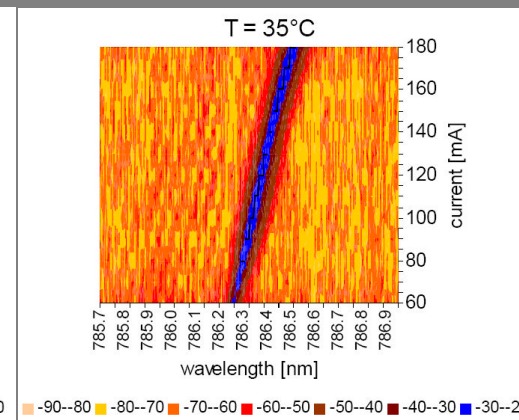
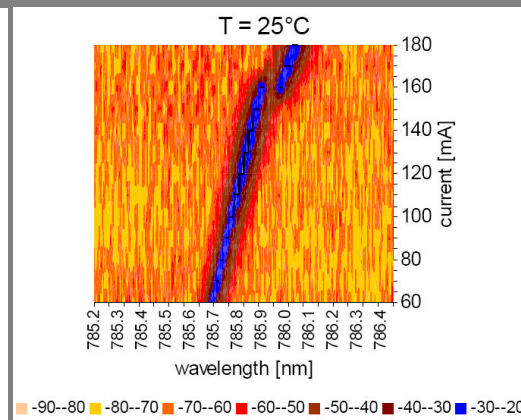
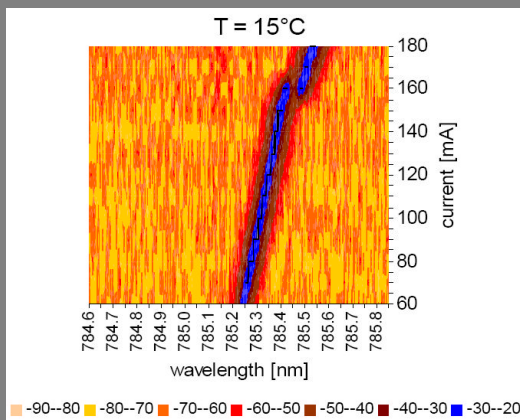
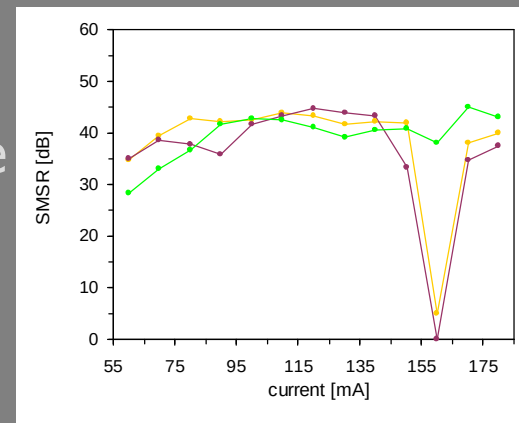
- **DFB** **0000** Single Mode Operation at nominal Power and at one Temperature



DFB-LASER VARIANTS

type	λ [nm]	Popt [mW]	chip size	package	header	variant	
EYP -	ccc	-	nnnn	-	nnnnn	-	nnnn

- **DFB** **0001** Single Mode Operation at every Laser Current and at one Temperature

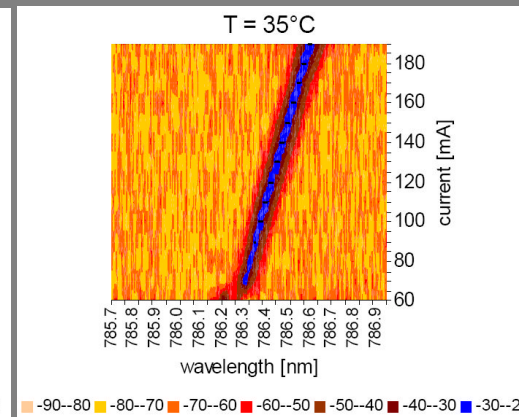
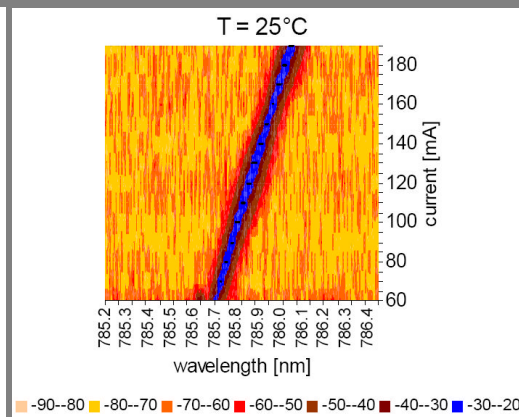
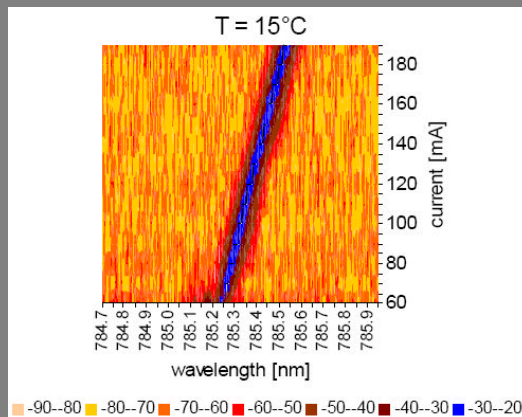
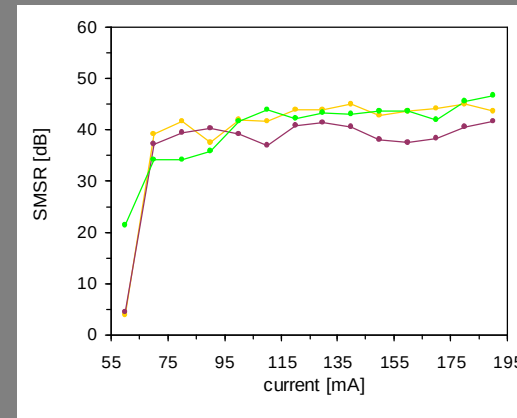


DFB-LASER VARIANTS

type λ [nm] Popt [mW] chip size package header variant

EYP - **ccc** - nnnn - nnnnn - nnnn - xxx nn - **nnnn**

- **DFB** **0002** Single Mode Operation at every Laser Current and at every Temperature



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THANK YOU

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