

## FAC-SACA Collimation Module FAC590 with SACA for ES100/P500



## **Features and Advantages**

Collimation module consisting of FAC590 and SACA 100-500 mounted with side tabs for the collimation of the fast and slow axis of diode lasers. Emitter size of up to 100  $\mu$ m and emitter pitch 500  $\mu$ m.

\* Product similar to image, see product drawing below.

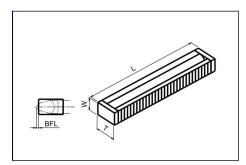
## **Product Specifications**

Cracification Data	Unit	Value
Specification Data	Unit	
Material		S-TIH53 (Ohara)
Length (L)	mm	11.5 ± 0.25
Width (W)	mm	1.0 ± 0.05
Thickness (T)	mm	3.34 ± 0.05
Clear aperture	mm²	9.5 x 0.84
Back focal length BFL @ 808 nm	mm	0.15
Pitch	mm	0.5
Fast axis power within an angle of $\pm$ 1.1 mrad <sup>(1)</sup>	%	> 85
Transmission	%	> 98
Product Code		MOD000568
Specification Data <sup>(2)</sup>	Unit	Value
AR-coating	nm	790 - 990
Remaining divergence (FW1/e <sup>2</sup> ) for slow axis	mrad	40 (typically)

<sup>(1)</sup> Valid for an emitter-height of 1 µm and no smile of the laser diode.

<sup>(2)</sup> Customized coating and bottom tab for mounting on request.

## Product Dimensions (mm)



All rights reserved. Product specifications and descriptions are subject to change. All our products are patent pending. Please contact our sales representatives for complete details.

Rev 03 | Updated June 8, 2022 | RoHS compliant 2011/65/EU and 2015/863/EU

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