

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 μ m and emitter pitch 500 μ m.

* Product similar to image, see product drawing below.

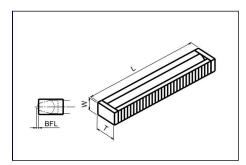
Product Specifications

Specification Data	Unit	Value
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 ⁽¹⁾	%	> 85
Transmission	%	> 98
Product Code		MOD000568
Specification Data ⁽²⁾	Unit	Value
AR-coating	nm	790 - 990
Remaining divergence (FW1/e ²) for slow axis	mrad	40 (typically)

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

⁽²⁾ Customized coating and bottom tab for mounting on request.

Product Dimensions (mm)



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Rev 02 | Updated April 15, 2021 | RoHS compliant 2011/65/EU and 2015/863/EU

1

Address: Bookenburgweg 4-8, 44319 Dortmund, Germany