

FAC-SACA Collimation Module FAC910 with SACA for ES150/P500



Features and Advantages

Collimation module consisting of FAC910 and SACA 150-500 mounted with side tabs for the collimation of the fast and slow axis of diode lasers. Emitter size of up to 150 μ m and emitter pitch 500 μ m.

* Product similar to image, see product drawing below.

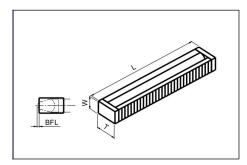
Product Specifications

Specification Data	Unit	Value
Material		S-TIH53 (Ohara)
Length (L)	mm	13.0 ± 0.25
Width (W)	mm	1.5 ± 0.05
Thickness (T)	mm	2.65 ± 0.05
Clear aperture	mm²	11.0 x 1.34
Back focal length BFL @ 808 nm	mm	0.09
Pitch	mm	0.5
Fast axis power within an angle of \pm 0.7 mrad ⁽¹⁾	%	> 85
Transmission	%	> 98
Product Code		MOD000376 ⁽²⁾
Specification Data	Unit	Value
AR-coating	nm	790 - 990
Remaining divergence (FW1/e ²) for slow axis	mrad	90 (typically)

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

⁽²⁾ Example for customization – 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

1

Address: Bookenburgweg 4-8, 44319 Dortmund, Germany