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.

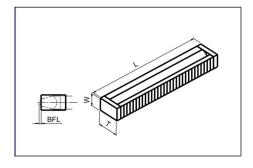
* Product similar to image, see product drawing below.

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/e²) for slow axis	mrad	90 (typically)

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

Product Dimensions (mm)



 $^{^{(2)}}$ Example for customization — customized coating and bottom tab for mounting on request.