

FAC300 (BFL=80μm)



product similar to image

General Description:

Aspherical cylindrical lens for the collimation of the fast axis of diode lasers.

| **Advanced Optical Solutions** |

Specification Data	Unit	Value
Material		S-TIH53 (Ohara)
Length (L)	mm	2.0, 3.0, 4.0 ± 0.05
Width (W)	mm	0.5 ± 0.05
Thickness (T)	mm	0.4 ± 0.01
Clear aperture	mm ²	(L-0.5) x 0.4
Surface quality @ 633 nm		λ/4 (typically)
Refractive index n @ 976 nm		1.814
Effective focal length (EFL) @ 976 nm	mm	0.30
Back focal length (BFL) @ 976 nm	mm	0.08
Numerical aperture (NA)		0.7
Standard coating - AR	nm	770 - 1070
Transmission	%	> 99
Power within an angle of ± 2.2 mrad	%	> 90

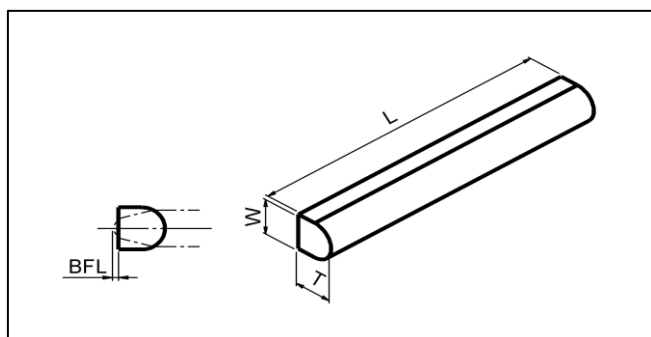
Product Codes

AR-coating	Length 2mm	Length 3mm	Length 4mm
770 - 1070 nm	ZLE002075	ZLE002074	ZLE002076

Options

Customized coating

Customized length



RoHS compliant
2002/95/EG

Copyright © 2011 LIMO GmbH. All rights reserved. All LIMO products are patent pending. Subject to change without notice.

Version December 19, 2017