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### General Description:

**Advanced Optical Solutions |**

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

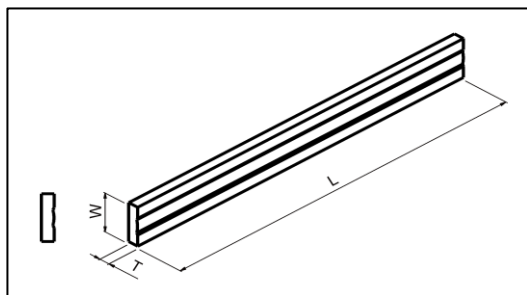
Specification Data	Unit	Value
Material		S-TIH53 (Ohara)
Length (L)	mm	2.0 ± 0.05
	mm	12.0 ± 0.05
Width (W)	mm	1.5 ± 0.05
Thickness (T)	mm	0.5 ± 0.01
Clear aperture	mm <sup>2</sup>	(L-1) x 0.55
Surface quality @ 633 nm		λ/4 (typically)
Refractive index n @ 808 nm		1.823
Effective focal length (EFL) @ 808 nm	mm	0.365
Back focal length (BFL) @ 808 nm	mm	0.095
Numerical aperture (NA)		0.8
Standard coating - AR	nm	790-990
Transmission	%	> 99
Power within an angle of ± 1.75 mrad	%	> 85

### Product Codes

AR-coating	Length 2mm	Length 12mm
790 - 990 nm, R<0.5%	ZLE001255	ZLE000158

### Options

- Customized coating
- Customized length
- Bottom or side tab for mounting



NOTE: Optical design is included in ZEMAX lens catalog.

**RoHS compliant**  
2002/95/EG

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