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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

Specification Data	Unit	Value
Material		S-NPH3 (Ohara)
Length (L)		13.0 ± 0.05
Width (W)	mm	1.5 ± 0.05
Thickness (T)	mm	0.56 ± 0.01
Clear aperture	mm ²	12.0 x 0.7
Surface quality @ 633 nm		λ/4 (typically)
Refractive index n @ 980 nm		1.911
Effective focal length (EFL) @ 980 nm	mm	0.410
Back focal length (BFL) @ 980 nm	mm	0.125
Numerical aperture (NA)		0.8
Standard coating - AR	nm	900 - 1100
Transmission	%	> 99
Power within an angle of ± 1.5 mrad	%	> 85

Product Codes

AR-coating

Length 13mm

900 - 1100 nm, R<0.5%

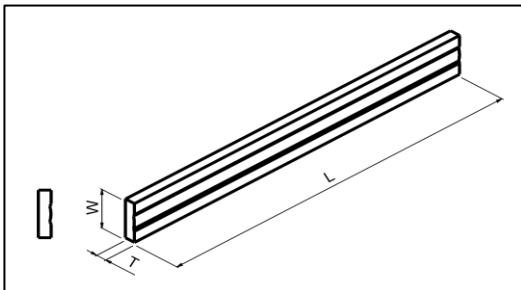
ZLE001453

Options

Customized coating

Customized length

Bottom or side tab for mounting



RoHS compliant
2002/95/EG

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