

532nm / 633nm Fiber Optic Polarizer

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Product Overview

In-line fiber optic polarizer for visible-wavelength communication, test, sensing and R&D optical paths, supporting SM-to-SM, SM-to-PM and PM-to-PM fiber configurations.

Features	Applications
Low insertion loss; High return loss; High extinction ratio; High stability and reliability	Communication systems; Test instruments; Fiber sensors; Product development

Technical Specifications

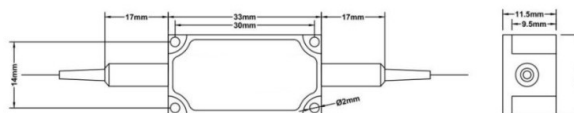
Parameter	Specification	Unit
Center Wavelength	532 / 633	nm
Operating Wavelength Range	±10	nm
Typical Insertion Loss @ 23°C	1.3	dB
Max. Insertion Loss @ 23°C	1.5	dB
Min. Return Loss	50	dB
Typical Extinction Ratio @ 23°C	24	dB
Min. Extinction Ratio @ 23°C	22	dB
Input / Output Fiber	SM->SM or SM->PM or PM->PM	-
Max. Optical Power (CW)	300	mW
Max. Tensile Load	5	N
Package Dimensions	33 x 17 x 11.5	mm
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C

For configuration selection and quotation, use the Component Finder at www.kernsoptic.com/contacts. Final special configurations are subject to engineering review.

With connectors, power handling is limited to 1 W; IL increases by 0.3 dB, RL decreases by 5 dB and ER decreases by 2 dB.

Package Dimensions

封装尺寸



Mechanical drawing from the KernsTech master catalog. Standard package: 33 x 17 x 11.5 mm.