

Glass Polarizer (ITW)

Glass polarizer is a precision optical component designed to control the polarization characteristics of light, primarily used in optical isolators for optical communication systems.

It features a high extinction ratio, low insertion loss, and minimal axis deviation, ensuring a uniform in-plane extinction ratio distribution.

AR coating can be applied upon request, further enhancing optical performance and contributing to overall system efficiency.

Features

- High extinction ratio
- Uniform in-plane extinction ratio distribution
- Low insertion loss
- High reliability

Standard Dimensions

11mm×11mm×0.2mmt

Characteristics

	ITW	
	AR coated	Uncoated
Extinction ratio (dB)	≥ 57	
Insertion loss (dB)	≤ 0.25	≤ 0.46
AR coat reflectance (%)	≤ 0.25	—

Wavelength: 1310nm/1550nm

