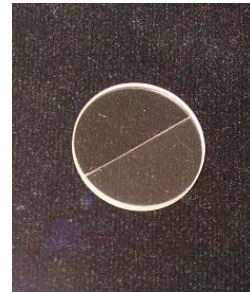


894 nm Left-handed and Right-handed Reflective Polarizer (The “Split Polarizer”)

Product Description

The Split Polarizer is designed for reflecting left- and right-handed polarized light at 894 nm sided-by-side.

Visibly transparent, this NIR polarizer has the two opposite handedness polarizers on a common 1” glass substrate. The common glass substrate is AR-coated to guarantee high contrast ratio.



The Split Polarizer

Figure 1 illustrates the transmission properties of the Split Polarizer in the reflection band.

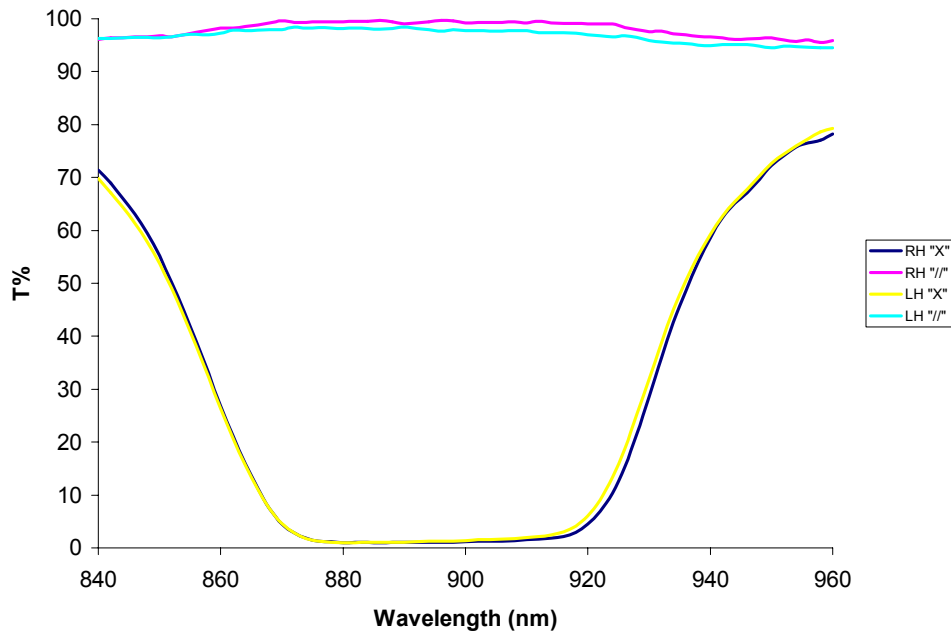


Figure 1 Transmission Characteristics of the Split Polarizer in parallel and perpendicular polarization incidences

The dimensions of the Split Polarizers are depicted in Figure 2

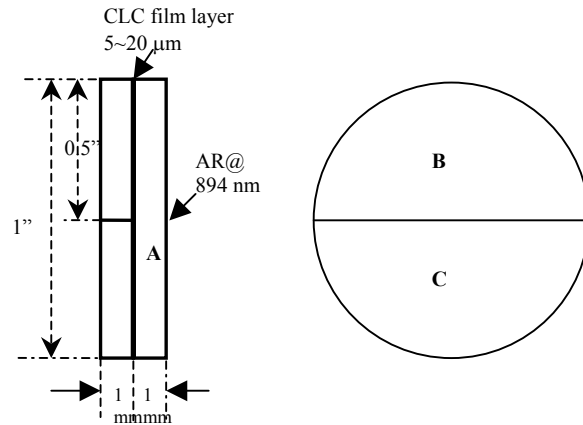


Figure 2 Drawings of the Split Polarizer: **A**-AR coated B270 glass substrate; **B** and **C**-uncoated B270 glass substrates

Availability

The Split Polarizer is an in-stock product.

Price Arrange (*, **)

Quantity (pc)	Price (\$/pc)
1-10	200
11-100	180
101-500	150
Above 500	Call for quote

*Non-split polarizers at 894 nm are available upon request. The price will be similar to that of the Split Polarizer. Additional charge may apply for different substrates and their finishes.

**Reflective polarizers at other wavelengths are available upon request. The price will be similar to the Split Polarizer and additional charge may apply for different substrates and their finishes.

However there will be a one-time non-recurring engineering charge of \$500 to customize the center wavelengths.