

WideBand IR POLARIZER 2 μm – 12 μm

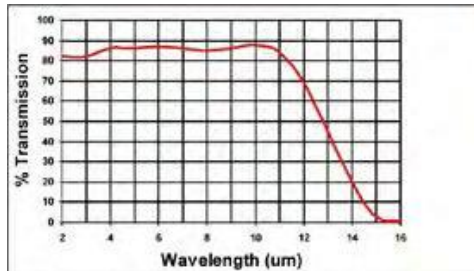
InnPho's unique **Wideband IR Polarizer** utilizes two precision polished Germanium plates at Brewster's angle in "chevron" orientation. Low deviation, <10 seconds, with very high extinction and transmittance.

Cell length, 2.2". See also **ShortCell IR Polarizer** below.

<u>Catalog Number</u>	<u>Aperture</u>	<u>Transmittance of P-Ray</u>	<u>Power Rating</u>	<u>Extinction of Crossed Pair</u>
PGC-4	4 mm	≥ 98%	100 MW/cm ²	2x10 ⁵
PGC-5	5 mm	≥ 98%	100 MW/cm ²	2x10 ⁵
PGC-4	15 mm Diameter x 36 mm long			
PGC-5	1-inch long x 2.2 inches long			

ShortCell IR POLARIZER 3 μm – 11 μm

InnPho's **ShortCell IR Polarizer** is used when short package length is important. Because of the delicacy of wire-grid polarizers, we have improved the mounting cell so that the hyper-delicate grid coating is protected from external contact. Cell is 12 mm thick.



<u>Catalog Number</u>	<u>Aperture</u>	<u>Transmittance</u>	<u>Extinction of Crossed Pair</u>	<u>Power Rating</u>
PSP-5	5 mm	70%	100:1	Discuss