

Wire Grid Polarizers



Product Description:

These polarizers are made of 10 μm , 15 μm or 20 μm tungsten wire wound on a circular frame with spacing ranging from 25 μm to 200 μm .

Operating frequency range-up to 3 THz

Key features include:

- Spectral range: 0.1THz - 3.0 THz
- Extinction Ratio: 100-10⁶



Specifications:

POLARIZER MODEL	WIRE DIAMETER / WIRE SPACING (μm)	CLEAR APERTURE / EXTERNAL DIAMETER (mm)
G25-S	10 / 25	40 / 48
G30-S	10 / 30	40 / 48
G30-L	10 / 30	88 / 98
G45-S	10 / 45	40 / 48
G45-L	10 / 45	88 / 98
G60-S	15 / 60	40 / 48
G60-L	15 / 60	88 / 98
G80-S	15 / 80	40 / 48
G80-L	15 / 80	88 / 98
G100-S	15 / 100	40 / 48
G100-L	15 / 100	88 / 98
G200-S	15 / 200	40 / 48
G200-L	15 / 200	88 / 98

Product Accessories:

We carry 2 types of rotating holders for the wire grid polarizers. Model RH1 is designed for 98 mm diameter polarizers, and enables a 360° rotation. Model RH2 is designed for 98 mm diameter polarizers, and enables 2-axis adjustments and 360° rotation.



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Transmission and Reflection:

