

FREE STANDING WIRE GRID POLARIZERS

Product description:

These polarizers are made of 10 μm or 15 μm tungsten wire wound on a circular frame with spacing ranging from 25 μm to 500 μm .

Operating frequency range-up to 3 THz (see transmission and reflection spectra below)

POLARIZER MODEL	WIRE DIAMETER/ WIRE SPACING (μm)	CLEAR APERTURE / EXTERNAL DIAMETER (mm)
G25-S	10 / 25	40 / 50
G30-S	10 / 30	40 / 50
G30-L	10 / 30	88 / 98
G40L	10 / 40	88 / 98
G45-S	10 / 45	40 / 50
G45-L	10 / 45	88 / 98
G60-S	15 / 60	40 / 50
G60-L	15 / 60	88 / 98
G80-S	15 / 80	40 / 50
G80-L	15 / 80	88 / 98
G100-S	15 / 100	40 / 50
G100-L	15 / 100	88 / 98

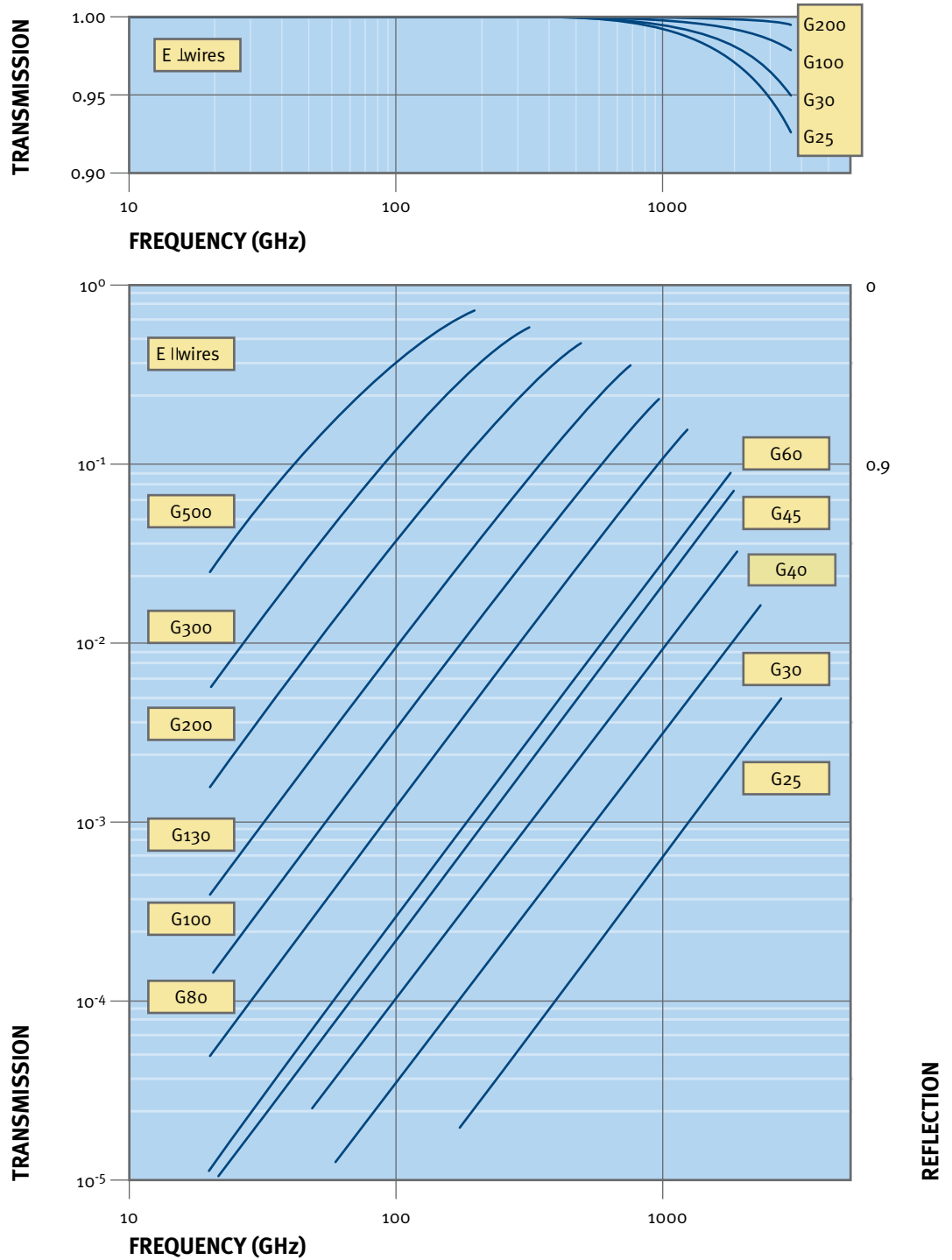
Wire Grid Polarizer Holders:

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 spectra of radiation polarized perpendicular and parallel to the wires



Pricing information is available on request at sales@mtinstruments.com

132 East Broadway, Suite 810, Eugene, OR 97401, USA

Phone: 541-683-6505

Fax: 541-610-1825

www.mtinstruments.com

