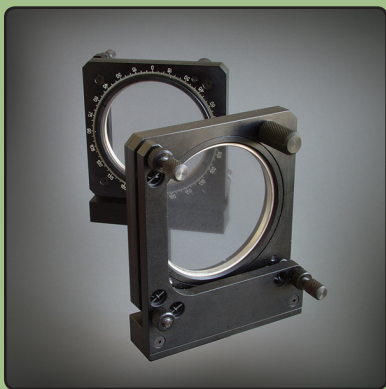


FREE STANDING WIRE GRID POLARIZERS



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 .

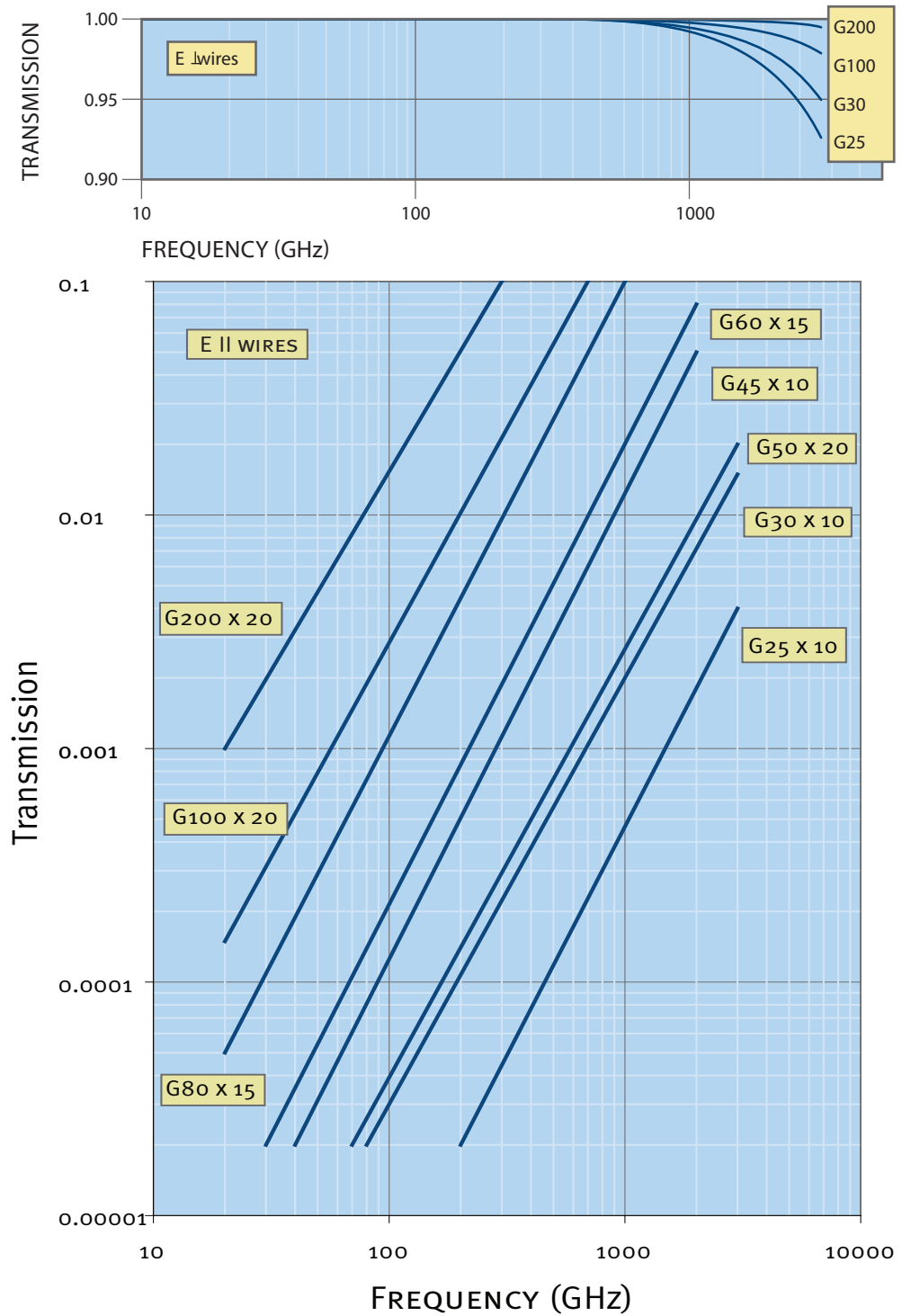
Operating frequency range-up to 3 THz (see transmission and reflection spectra below)

POLARIZER MODEL	WIRE DIAMETER/ WIRE SPACING (μm)	CLEAR APERTURE / EXTERNAL DIAMETER (mm)
G25 x 10-S	10 / 25	40 / 50
G30 x 10-S	10 / 30	40 / 50
G45 x 10-S	10 / 45	40 / 50
G45 x 10-L	10 / 45	88 / 98
G50 x 20-S	20 / 50	40 / 50
G50 x 20-L	20 / 50	88 / 98
G60 x 15-S	15 / 60	40 / 50
G60 x 15-L	15 / 60	88 / 98
G80 x 15-S	15 / 80	40 / 50
G80 x 15-L	15 / 80	88 / 98
G100 x 20-S	20 / 100	40 / 50
G100 x 20-L	20 / 100	88 / 98
G200 x 20-S	20 / 200	40 / 50
G200 x 20-L	20 / 200	88 / 98

Wire Grid Polarizer Holders:

We carry 3 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. Model RH3 is designed for the 50mm diameter polarizers.

FREE STANDING WIRE GRID POLARIZERS



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