

Custom High Pass Filters

General Features

- Frequency coverage: 50 – 220 GHz
- Waveguide standard bands
- Custom rejection characteristics
- Low passband insertion loss

Specifications

Model	Frequency Band (GHz)	Cut-off Frequency Fc (GHz)	Rejection dB typical @ Fc*0.95	Waveguide (WR)	Standard Flange
THZHPPF-15	50 – 75	Specify	> 40	WR 15	UG 385/U
THZHPPF-10	75 - 110	--	> 40	WR 10	UG 387/U-M
THZHPPF-08	90 - 140	--	> 40	WR 08	UG 387/U-M
THZHPPF-06	110 - 170	--	> 40	WR 06	UG 387/U-M
THZHPPF-05	140 – 220	--	> 40	WR 05	UG 387/U-M
THZHPPF-04	170 – 260	--	> 40	WR 04	UG 387/U-M
THZHPPF-03	220 - 330	--	> 40	WR 03	UG 387/U-M

*Notes

1. Insertion loss < 2 dB typical
2. Predicted performance simulations available
3. Up to 500 GHz on request
4. Material: gold plated brass body and flanges
5. **How to make a request**, select one of Models above, provide full specifications and email to: sales@vivatechthz.com

*Subject to review : photo and data non contractual



Figure 1 Waveguide High Pass Filter

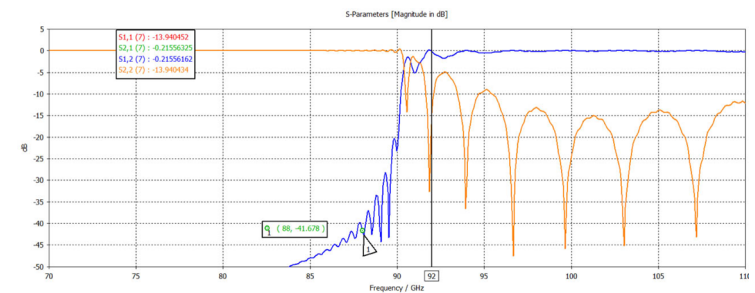


Figure 2 High Pass Filter THZHPPF-10 @ 92 GHz