

SS-00212 — 18-50 GHz Highpass Filter

◆ Features:

- Highpass filter passing from 18 to 50 GHz while rejecting more than 70 dB below 12 GHz.
- Small Size: Measures only 0.5" x 0.5" x 0.5" (excluding connectors)
- Low-loss (utilizing suspended substrate stripline): Loss at band edge is below 1.5 dB
- Available in: 2.92 mm connector for 18-40 GHz band
2.4 mm connector for 18-50 GHz band
- No RF alignment is required
- Temperature stable
- 3W power handling

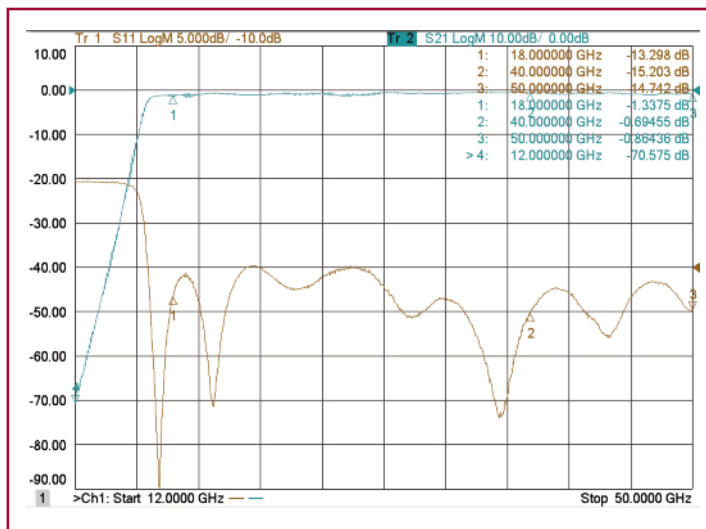


◆ Specifications:

Passband:	18-50 GHz
V.S.W.R:	2:1
Rejection:	DC-12 GHz: 70 dB min.
Mechanical Dimensions:	0.5" x 0.5" x 0.5"
Connectors:	2.4 mm(f)

◆ Applications:

- Roofing Filter: Rejecting image frequencies from DC to 12 GHz, while passing 18-50 GHz



18 - 50 GHz: Frequency Response