



Wideband X-Band Filter

- Indigenously design and develop waveguide products for satellite related applications.
- Cavity based X-band wideband filter provides necessary in band transmission with adequate rejection. Channel frequency, band-width, rejection are designed as per customer requirement.

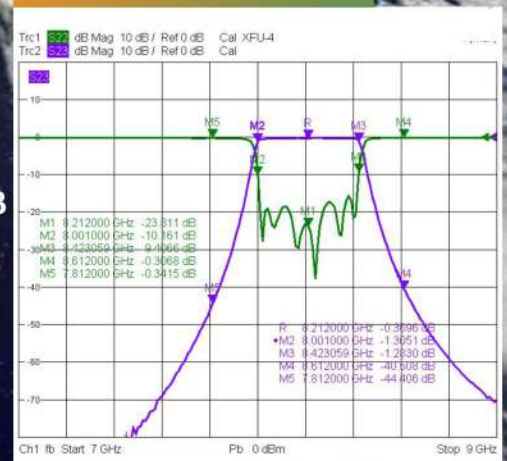
Applications

- Remote Sensing Satellites.
- Data Relay Satellites.

Technical Data

- Frequency Range: X- band
- Insertion Loss (Max): < 0.8 dB
- Isolation $f_c \pm 400$ MHz: > 40 dB
- VSWR: 1:1.25
- Temperature: -100 to 125 °C
- Vibrations: 10g RMS
- Shock: 70g

Test Results



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