



# Harmonic Reject Filter Ku Band



- 21st order lowpass filter is implemented in ridge waveguide to suppress the harmonic of transmitters up to 30 GHz.
- Implemented using single, dual or quad ridge waveguides on customers' requirements.

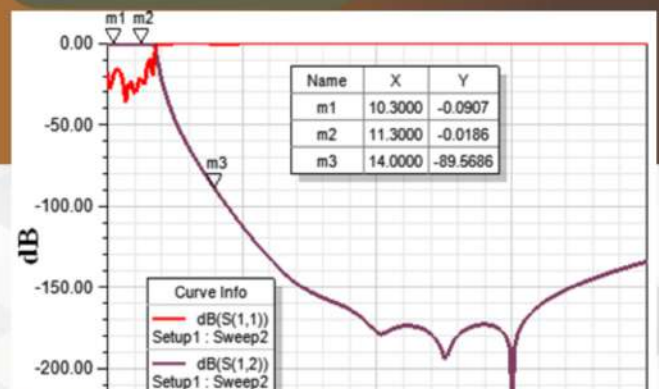
## Technical Data

- Passband: 10.7 -11.4 GHz
- Insertion Loss: > 0.15 dB
- Max VSWR: 1.25:1
- Rejection: >70 dB at 14 GHz
- 2nd Harmonic suppression: > 60 dB
- 3rd Harmonic suppression: > 50 dB
- Interface: WR-75
- Temperature -10 ~ 60 °C
- Weight 0.2 kg
- Dimensions: 130mm x 38mm x 38 mm

## Salient Features

- Low Cost
- Light Weight
- Can be customized as per customer requirements

## Test Results



## Applications

- Satellite Applications
- VSAT Terminals

Pakistan Space & Upper Atmosphere Research Commission

National Space Agency of Pakistan

Satellite Research & Development Centre (SRDC) P.O. Punjab University, New Campus,  
 Lahore, Pakistan. 54590 Tel: +92 (0)42-99024175, 99024247 Fax: +92 (0)51-9075059  
 E-mail: dcm.bdd@suparco.gov.pk URL: www.suparco.biz

