

# SUPARCO BUSINESS SOLUTIONS

## Waveguide Cavity

Channel Bandwidth  $\geq$  350 MHz | Waveguide Interface

### Technical Specifications

- 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



### Product Description

- ★ The waveguide cavity based X-band wideband filter provides necessary in band transmission with adequate isolation
- ★ Channel frequency, bandwidth, isolation band and isolations are designed upon user requirement.
- ★ Designed according to mil. standards and space standards
- ★ Qualified for severe environmental conditions

For more  
information

 [businessdevelopmentesuparco.biz](mailto:businessdevelopmentesuparco.biz)

 051-9107235

 Building No. 18, Street No. 12,  
Mauve Area, G-8/1,  
Islamabad