

Microwavefilters® &

Microwave components for telecommunication systems

2 GHz Bandpass Filter No Spurious up to the 5th Harmonic



Power Handling of 100W
IL < 0.4 dB

Microwavefilters & TVC srl

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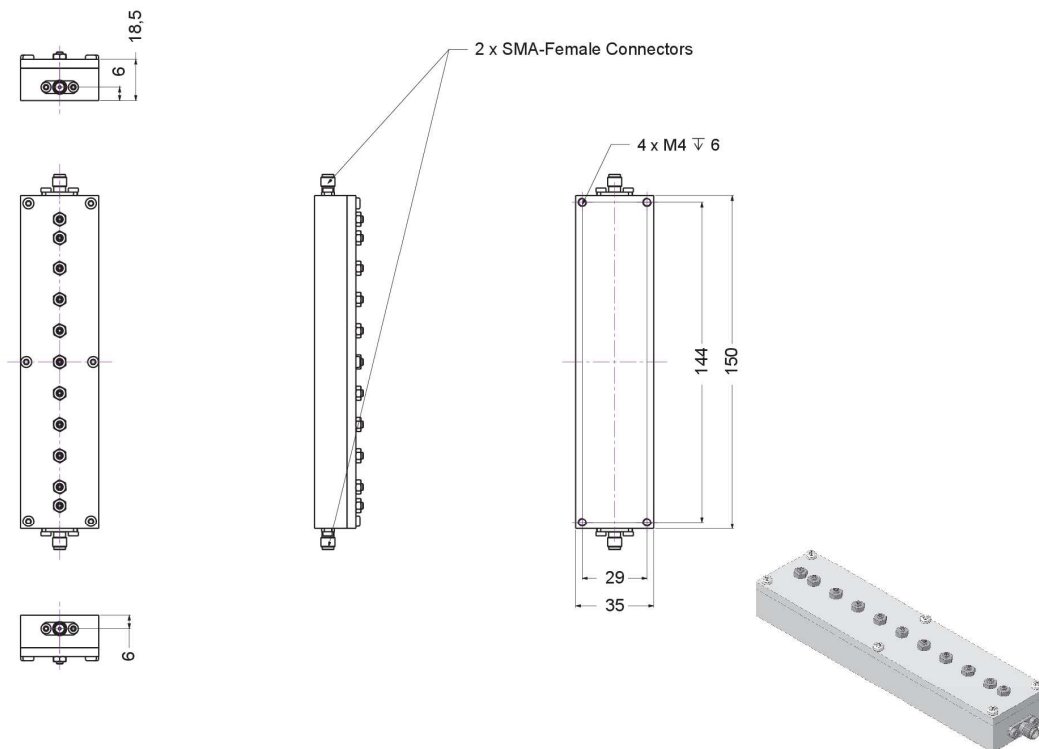
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MW&TVC presents a new 2 GHz bandpass filter (BW=2.025÷2.120 GHz) with insertion loss $IL \leq 0.4$ dB in the whole pass-band and no spurious up to the 5th Harmonic (11 GHz). It can handle 100 W rms of power.

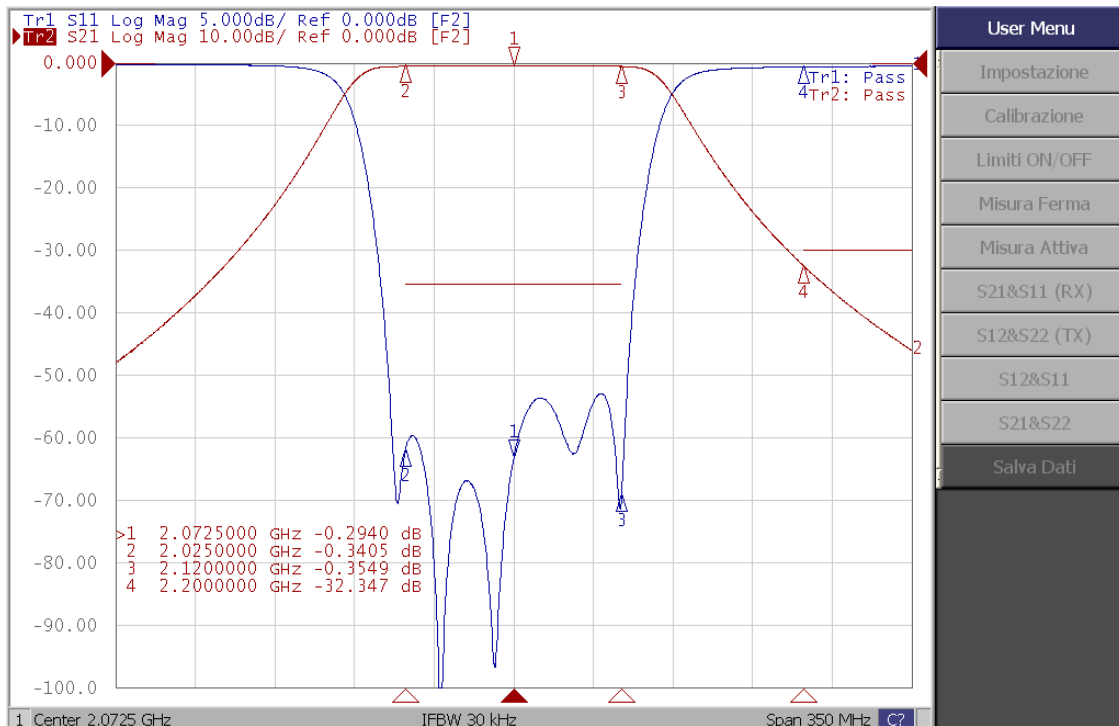
Main Characteristics

Part Number	MW-F02073-CCT
Passband	2.025 ÷ 2.120 GHz
Return Loss	> 18 dB (VSWR 1.3:1 max.)
Insertion Loss	≤ 0.4 dB
Rejection btw 2.2 ÷ 11.0 GHz	≥ 30 dB
Power Handling	100W rms
Temperature Range	-20 ÷ +55 °C
Input/output Connectors	2 x SMA Female
Dimensions	150 x 35 x 18.5 mm, excluding connectors and tuning screws

Mechanical Outline



Typical Frequency Responses



- User Menu
- Impostazione
- Calibrazione
- Limiti ON/OFF
- Misura Ferma
- Misura Attiva
- S21&S11 (RX)
- S12&S22 (TX)
- S12&S11
- S21&S22
- Salva Dati

dB

