

Microwavefilters® &

Microwave components for telecommunication systems

11 GHz LO Rejection Filter

Compact, low loss and small group delay



$GD \leq 1.2$ ns in the whole BW
 $IL \leq 0.25$ dB

Microwavefilters & TVC srl

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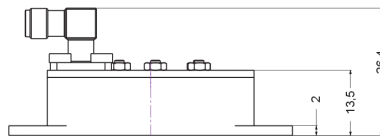
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MW&TVC presents a new 11 GHz bandpass filter (BW=10.7÷11.7 GHz). It is mounted on the TX module to cut off the LO frequencies that are present inside the RFU. It's compact and low loss.

Main Characteristics

Part Number	MW-F11200-CCT
Passband	10.7 ÷ 11.7 GHz
Return Loss	≥ 20 dB
Insertion Loss	< 1 dB (0.25 dB typical)
Rejection btw 8.45 ÷ 10.1 GHz	> 20 dB
Group Delay	1.2 ns max in the whole bandwidth
Input/output Connectors	2 x SMA 90° Female
Dimensions	59 x 45 x 26.4 mm



Mechanical Outline

