

Microwavefilters® &

14÷18 GHz Bandpass Filter



Microwavefilters® & 
Microwave components for telecommunication systems

50 dB of Rejection up to 25 GHz

Microwavefilters & TVC srl

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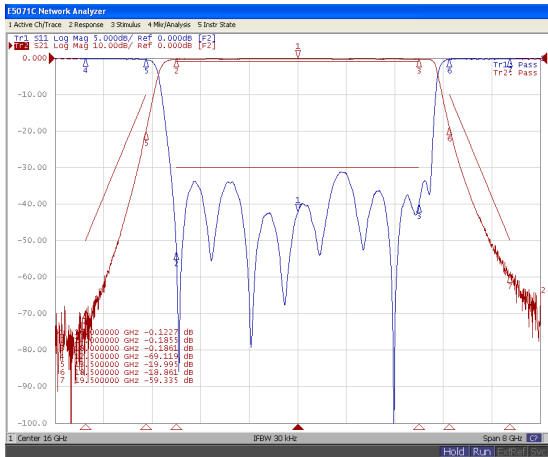
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This new wideband filter has a 4-GHz passband (14.0÷18.0 GHz). It is compact (88 x 18 x 8 mm, excluding connectors and tuning screws), low loss (IL is around 0.2 dB) and with a very wide rejection band (≥ 50 dB of attenuation up to 25.0 GHz).

Wideband Filter Characteristics (P/N MW-F16000-CCT)

Center frequency	14.0 ÷ 18.0 GHz
Insertion Loss	≤ 0.5 dB (0.25 dB typ.)
Return Loss	≥ 14.0 dB (VSWR 1.5: 1 max.)
Rejection between DC ÷ 12.5 GHz	≥ 55 dB
Rejection at 13.5 GHz	≥ 10 dB
Rejection at 18.5 GHz	≥ 10 dB
Rejection between 19.5 ÷ 22.0 GHz	≥ 50 dB
Input /Output Ports	2 x SMA Female Connectors



Typical Frequency Response Curve

