

2 GHz Bandpass Filter



**Narrow Band (10 MHz)
& Low Loss (< 1 dB)**

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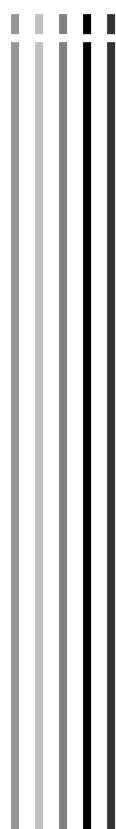
This 6-pole bandpass filter has **low loss (< 1 dB)**, with respect to its **narrowband (10 MHz)**, and can be tuned from **2.4 to 2.7 GHz**.

Filter Characteristics

MW02.65-6ASCCT

Filter's tuning range	2.4 ÷ 2.7 GHz
Net Bandwidth	10 MHz
Attenuation at $f_0 \pm 15$ MHz	> 30 dB
Insertion Loss	< 1.0 dB
Return Loss	> 15 dB
Material	Aluminum
Dimensions	195 x 130 x 38 mm
Input/Output Ports	SMA-Female or N-Female

Measured Frequency Response



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S21	2.6200 GHz	-0.86 dB	
2 ▽	S21	2.6150 GHz	-0.99 dB	
3 ▽	S21	2.6250 GHz	-0.94 dB	
4 ▽	S21	2.6050 GHz	-30.35 dB	
5 ▽	S21	2.6350 GHz	-30.56 dB	

2 GHz LOW-LOSS FILTER