

C-Band Filters



600-MHz & 800-MHz Bandwidths
Very Compact and Low Loss

Microwavefilters & TVC srl

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P/N MW-F03800-NNT & MW-F03900-NNT

Bandwidth	3400 – 4200 MHz (MW-F03800-NNT) 3600 – 4200 MHz (MW-F03900-NNT)
Insertion Loss	≤ 1.0 dB (0.7 dB typ. for MW-F03800-NNT) (0.5 dB typ. for MW-F03900-NNT)
VSWR	1.25:1 max.
Dimensions	65 x 40 x 21 mm (without connectors)
Connectors	2 N-Female
Temperature Range	0 °C ÷ 50 °C

MW-F03800-NNT

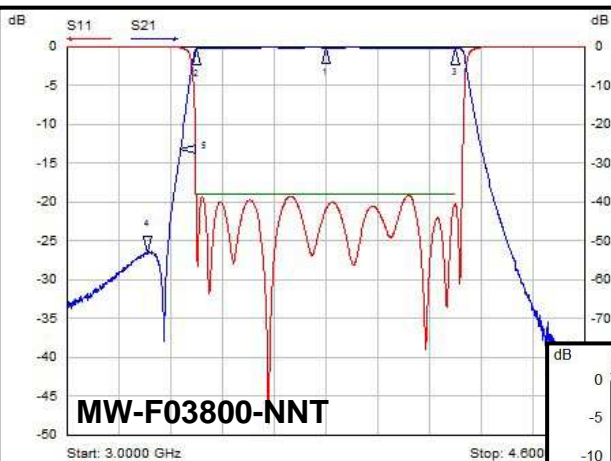
Attenuation between 3.0 & 3.25 GHz **≥ 40 dB**

Attenuation between 3.25 & 3.35 GHz **≥ 25 dB**

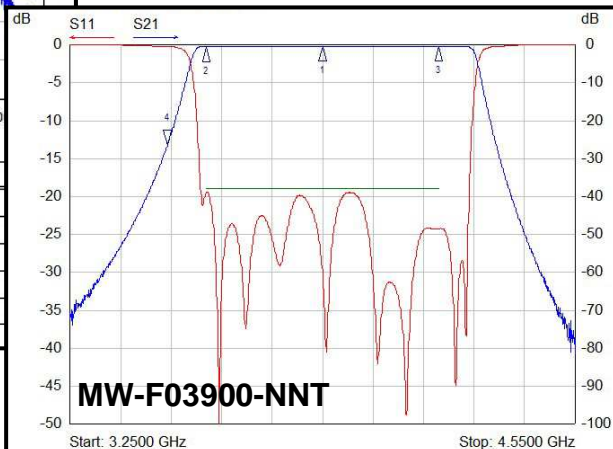
MW-F03900-NNT

Attenuation between 3.0 & 3.5 GHz **≥ 25 dB**

Typical Frequency Responses



Mkr	Trace	X-Axis	Value	Notes
1	S21	3.8000 GHz	-0.27 dB	
2	S21	3.4000 GHz	-0.65 dB	
3	S21	4.2000 GHz	-0.55 dB	
4	S21	3.2500 GHz	-53.03 dB	
5	S21	3.3500 GHz	-26.46 dB	



Mkr	Trace	X-Axis	Value	Notes
1	S21	3.9000 GHz	-0.30 dB	
2	S21	3.6000 GHz	-0.42 dB	
3	S21	4.2000 GHz	-0.39 dB	
4	S21	3.5000 GHz	-26.52 dB	