

Microwavefilters® &

Microwave components for telecommunication systems



**466 ÷ 506 MHz UHF
Bandpass Filter
(BW 40 MHz)**

Covers TV Channels 14 to 19

**Power Handling of 70W
N Female Connectors
 $IL \leq 0.7$ dB in Passband**

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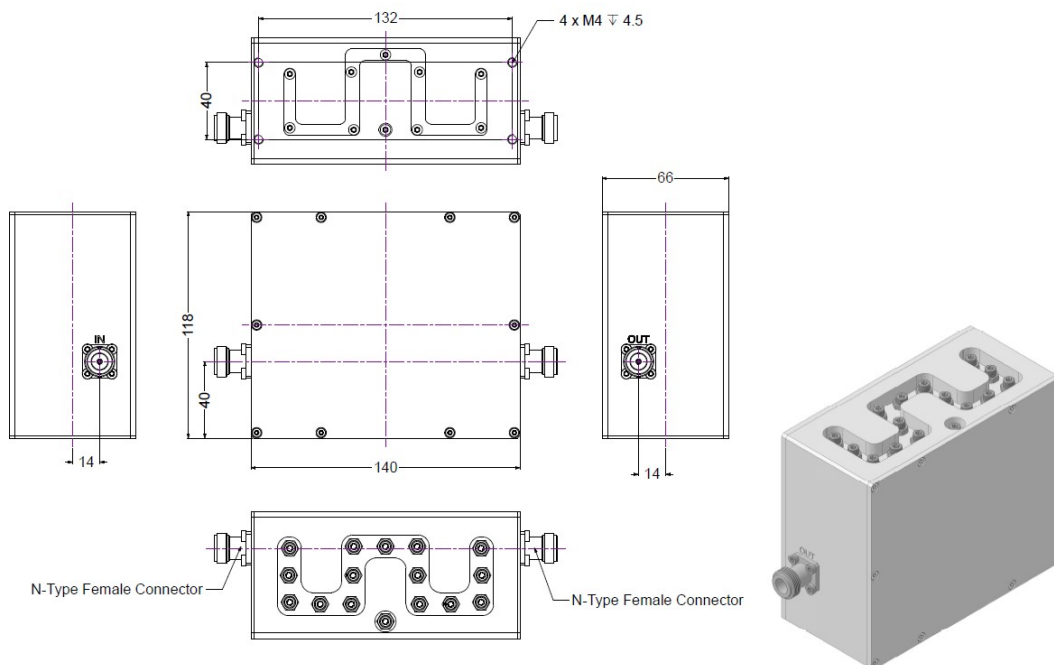
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MW&TVC presents a new UHF bandpass filter ($f_0=486$ MHz and $BW=40$ MHz) with insertion loss $IL \leq 1.0$ dB (0.7 dB typical) in the whole passband. It covers TV channels from 14 to 19.

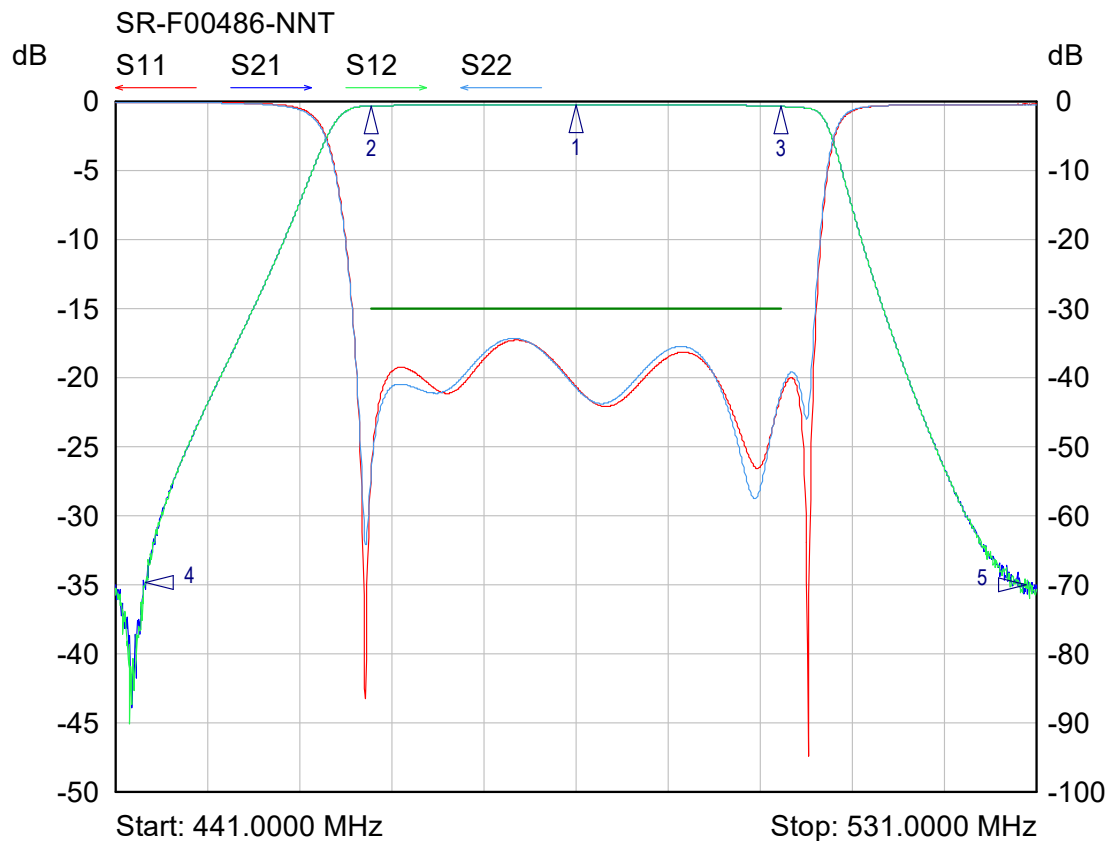
Main Characteristics

Part Number	SR-F00486-NNT
Passband	466 ÷ 506 MHz
Return Loss	≥ 15 dB
Insertion Loss	≤ 1.0 dB (0.7 dB typical)
Rejection @ 408 MHz and 494 MHz	≥ 60 dB
Power Handling	70W max.
Temperature Range	-20 ÷ +85 °C
Input/output Connectors	2 x N Female
Dimensions	139 x 110 x 64 mm

Mechanical Outline



Typical Frequency Response



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S21	486.0000 MHz	-0.46 dB	
2 ▽	S21	466.0000 MHz	-0.64 dB	
3 ▽	S21	506.0000 MHz	-0.72 dB	
4 ▽	S21	444.0000 MHz	-69.72 dB	
5 ▽	S21	530.0000 MHz	-70.03 dB	