

Huber + Suhner 2600 MHz Lowpassfilter

Matthias, DD1US, July 18th 2017

Hello,

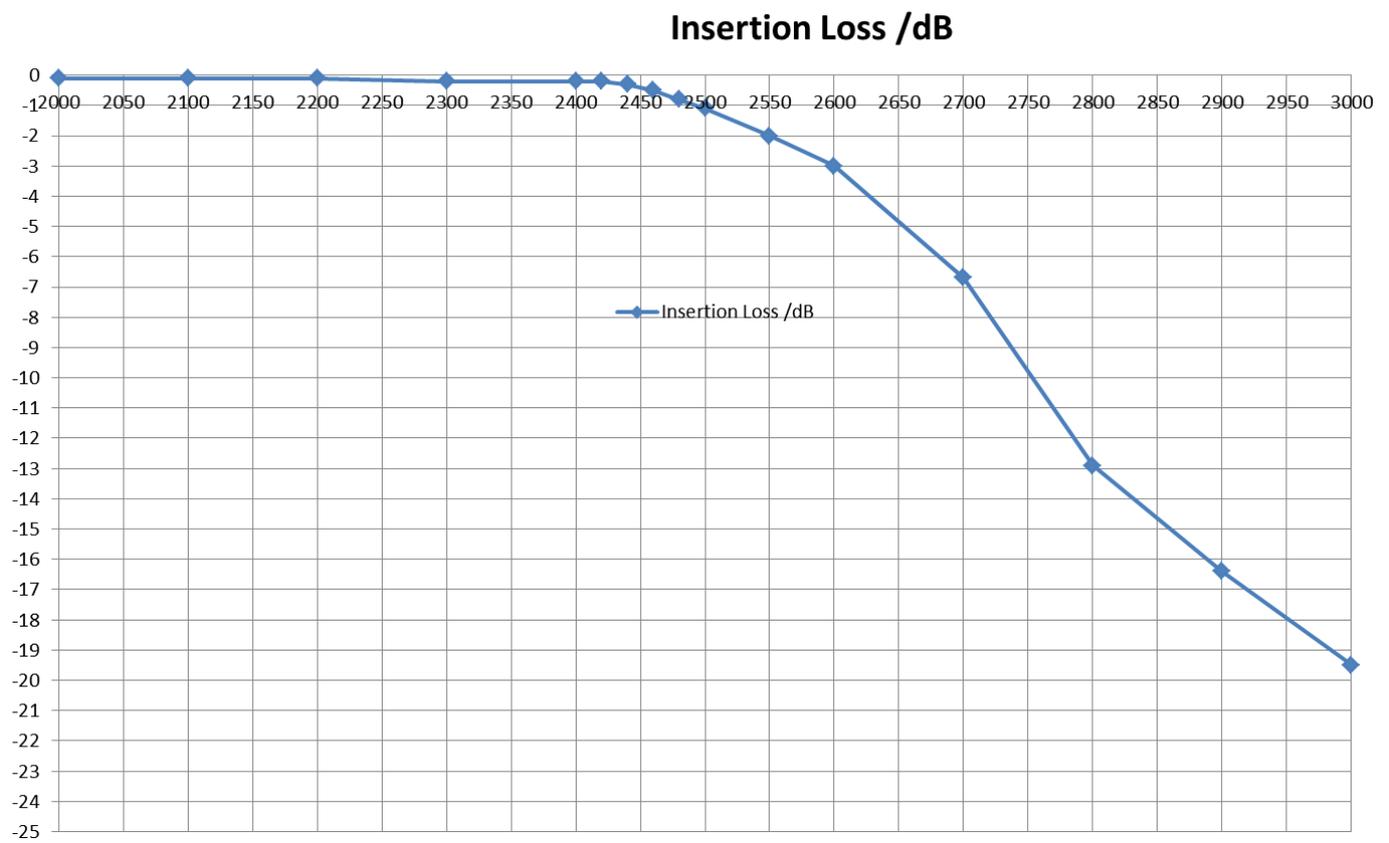
Visiting the Ham Radio Fair in Friedrichshafen I got hold of a Filter from Huber + Suhner. The type is Huber + Suhner KRF 2002.17.0004. I found some data in the internet suggesting that the 3dB cornerfrequency is 2600 MHz and the rejection at 4.5 GHz is 55dB. Here is how it looks like:



I measured the filter using a signal generator and power meter. The setup is limited to measure a maximum insertion loss of 50dB. Here is a table of the measured data:

Frequency /MHz	Insertion Loss /dB
2000	-0,1
2100	-0,1
2200	-0,1
2300	-0,2
2400	-0,2
2420	-0,2
2440	-0,3
2460	-0,5
2480	-0,8
2500	-1,1
2550	-2,0
2600	-3,0
2700	-6,7
2800	-12,9
2900	-16,4
3000	-19,5

Finally here is the transfer characteristic as a plot:



I always appreciate feedback. Many thanks in advance.

Best regards

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