

## *Ka-Band cavity filter*

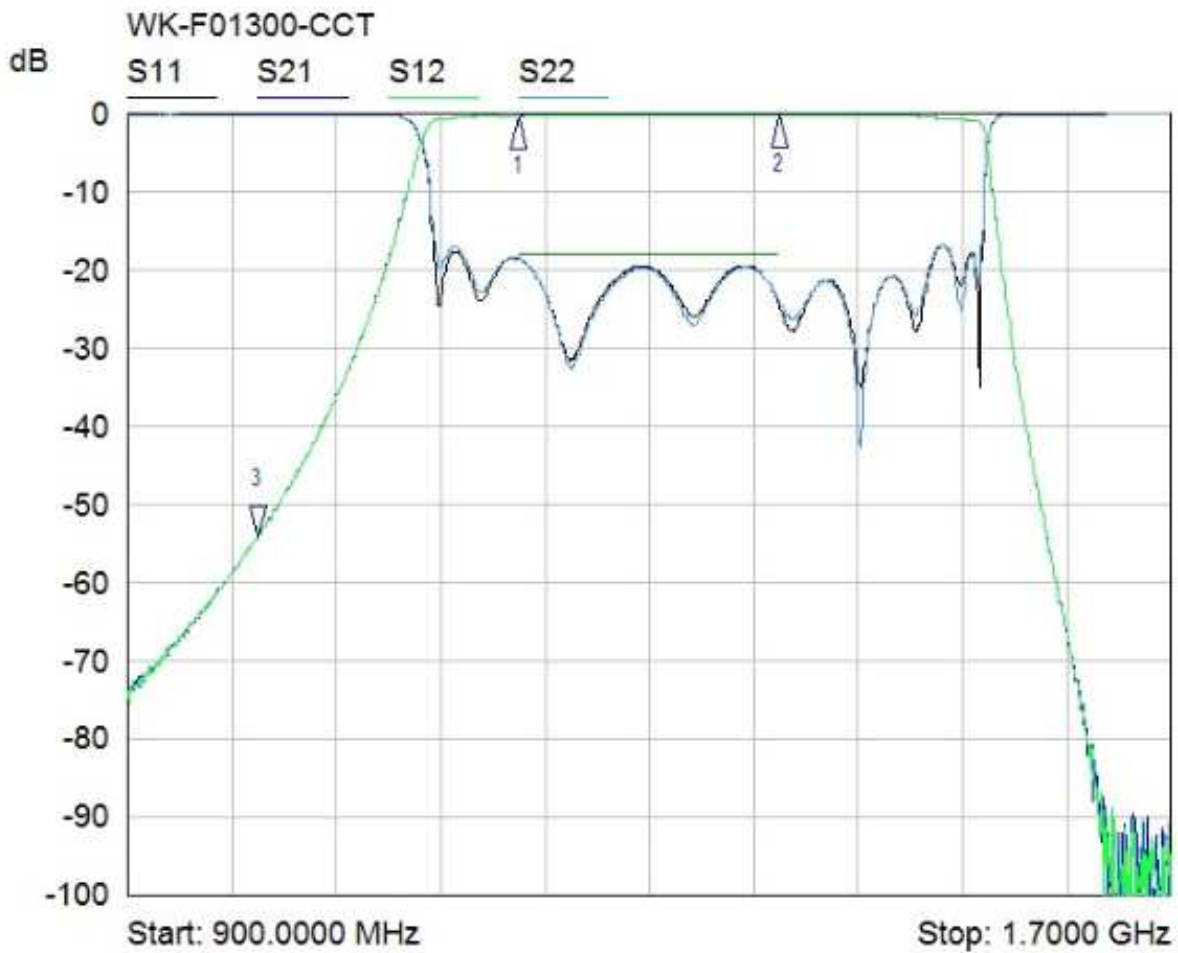
*1180-1420MHz*

*WK-F01300-CCT*

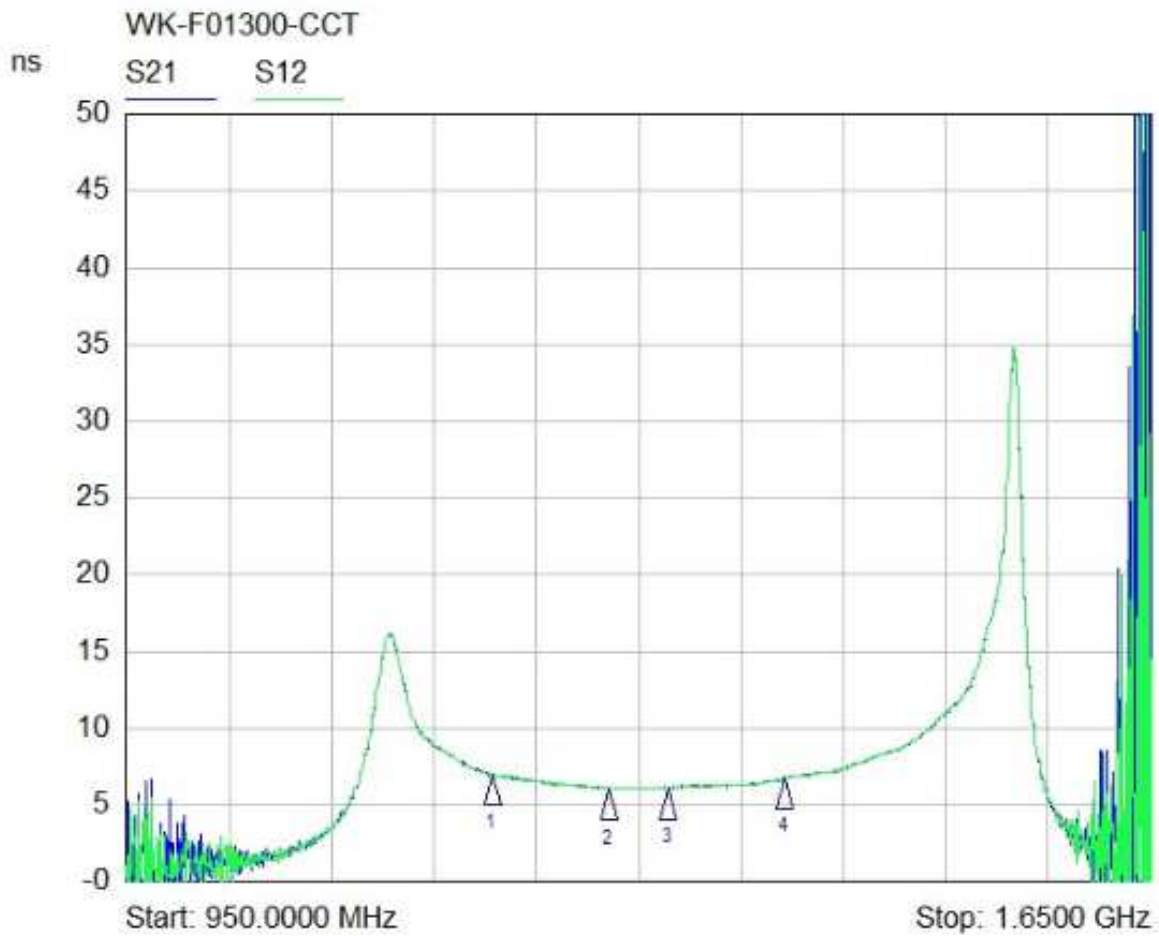
<b>Signal Bandwidth</b>	1180-1420 MHz (240 MHz BW)
<b>Center frequency</b>	1300 MHz
<b>Pass band insertion loss</b>	< 1.0 dB
<b>Pass band IL variation</b>	< 0.2 dB peak-peak in any 80MHz interval < 0.5 dB peak-peak in the range of 1200-1400 MHz
<b>Return loss</b>	>18 dB
<b>Impedance</b>	50 ohm
<b>Rejection</b>	DC-1000 MHz : >50 dB; 1600-5000MHz : > 60dB
<b>Group delay variation</b>	see enclosed curves
<b>Connectors</b>	SMA f IN/OUT
<b>Temperature range</b>	-30°C to +70°C
<b>Dimensions</b>	110x36x33mm



## Electrical performances



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S21	1.2000 GHz	-0.42 dB	
2 ▽	S21	1.4000 GHz	-0.29 dB	
3 ▽	S21	1.0000 GHz	-54.11 dB	



Mkr	Trace	X-Axis	Value	Notes
1 ▾	S21	1.2000 GHz	6.99 ns	
2 ▾	S21	1.2800 GHz	6.04 ns	
3 ▾	S21	1.3200 GHz	6.10 ns	
4 ▾	S12	1.4000 GHz	6.71 ns	