

Microwavefilters® & tvc®

Microwave components for telecommunication systems

Wideband Filter (6÷18 GHz)
with Bandstop >45dB in Ku Band



Microwavefilters & TVC srl

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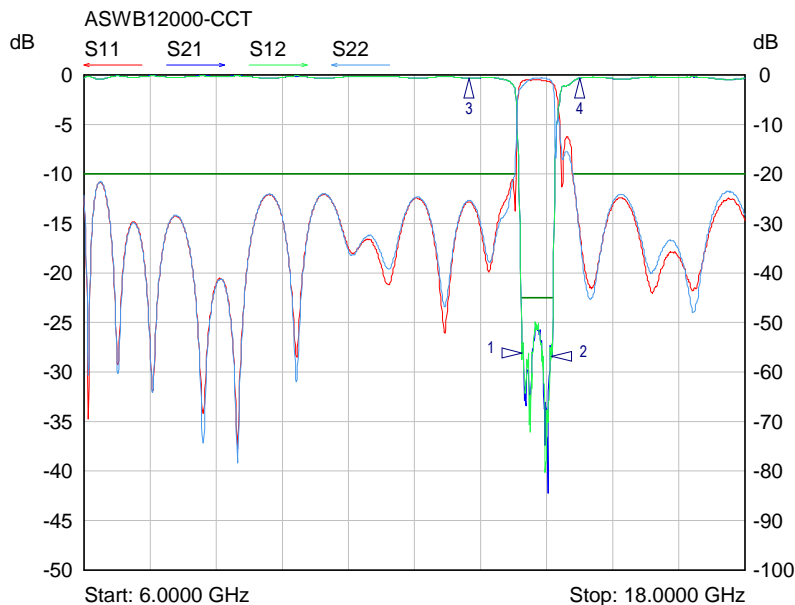
Ku bandstop filter:

Operating frequency band:	6000 ÷ 18000 MHz
Passband 1:	6000 ÷ 13850 MHz
Passband 2:	14900 ÷ 18000 MHz
Insertion Loss:	≤ 1 dB in Passbands
Return loss:	≥ 10 dB
Stopband frequency band:	13950 ÷ 14500MHz
Stopband attenuation:	≥ 45dB (typically > 50 dB)
Input power:	1W
Temperature range:	-25°C to +55°C – operating -30°C to +60°C – storage
Connectors:	SMA f IN/OUT
Dimensions:	98x69x11mm

Shock: MIL-STD-810F Method 516.5 Procedure-I 20g 11ms saw tooth

Vibration: MIL-STD-810F Method 514.5 Procedure-I Category 10, Figure 514.5C-15 or MIL-STD-810F Method 514.5 Procedure-I Category 21

Umidity: MIL-STD-810F Method 507.4 90% relative humidity (without condensation)



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S21	13.9500 GHz	-56.13 dB	
2 ▽	S21	14.5000 GHz	-56.81 dB	
3 ▽	S21	12.9975 GHz	-0.70 dB	
4 ▽	S21	15.0000 GHz	-0.68 dB	