

Bruel & Kjaer 1621 Tuneable Band Pass Filter

Specifications:

Frequency Range	0.2 Hz to 20 kHz in 5 ranges	
Pass Bandwidths	Switchable:	3% or 23% (1/3 octave)
	Attenuation at 1/2 and 2 x selected frequency:	Switchable 34 dB or 16 dB
Dynamic Range	>40 dB RMS with 3 % bandwidth between 0.2 Hz and 6 kHz	
	>35 dB RMS with 3 % bandwidth between 6 kHz and 20 kHz	
	>40 dB RMS with 2 % bandwidth between 0.2 Hz and 20 kHz	
Accuracy of Indicated Frequency	$\pm 1.5\%$ at 25°C with additional $\pm 0.04\%$ per °C	
BNC Input	1 VRMS or 0.2 VRMS switchable with crest factor of 5	
	Impedance 1 V input:	1 kohm in series with 10 μ F
	Impedance 0.2 V input:	200 kohm in series with 10 μ F
BNC Output	Impedance:	0.5 kohm in series with 100 μ F
	Load Impedance:	>25 kohm
Gain	0 dB \pm 1 dB	
Hum and Noise: 3 % Bandwidth	Frequency:	0.2 Hz - 6 kHz / 6 kHz - 20 kHz
	1 V input:	10 mV / 18 mV
	0.2 V input:	2 mV / 3.6 mV
Hum and Noise: 23 % Bandwidth	Frequency:	0.2 Hz - 20 kHz
	1 V input:	10 mV
	0.2 V input:	2 mV