

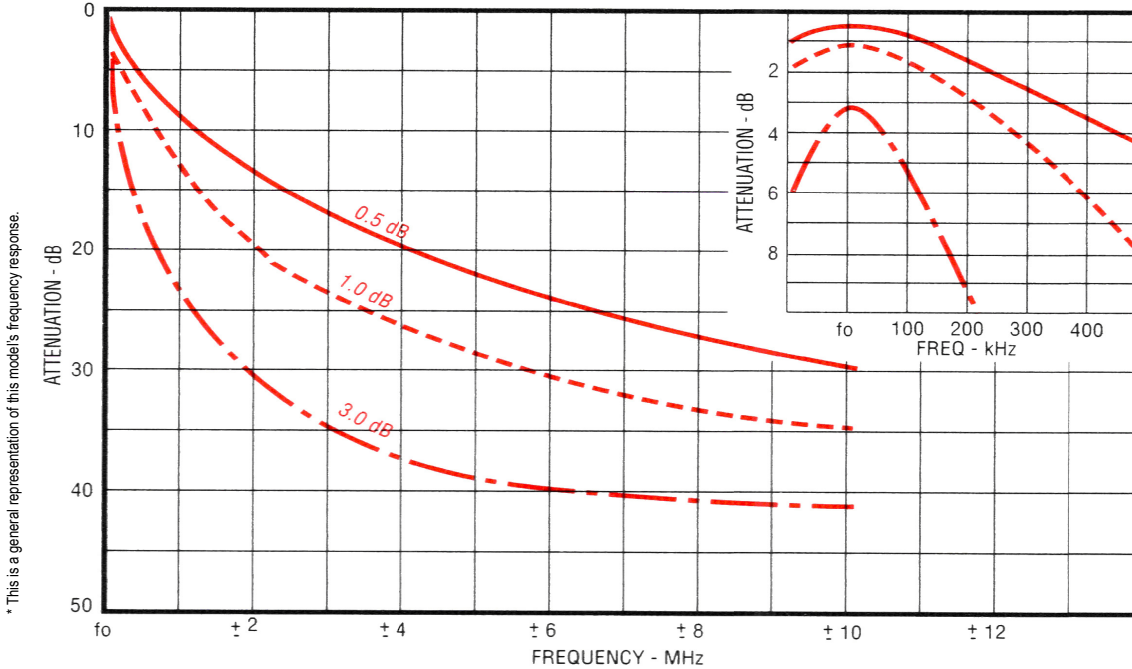


PF3 Series XTRU-JAG®
1-Cavity Pass VHF UHF
Filter
138-174 MHz



Electromagnetics
"Quality is everything."

JAG-XPF-156-04-1



JAG-XPF-156-04-1 Shown for illustration

The JAG-XPF-156-04-1 Band-Pass filter is comprised of the patented XTRU-JAG® 4-inch aluminum extrusion cavity with internal silver-plated tuners to maintain a relatively high Q and low loss. The JAG-XPF-156-04-1 is equipped with adjustable coupling loops that allow easy field adjustment of insertion loss and selectivity (see curve above).

The JAG-XPF-156-04-1 has been designed with temperature compensation in mind to avoid detuning and as a result, frequency drift over the operating temperature range is extremely small (≈ 0.5 ppm / degC).

Electrical Specifications		Mechanical Specifications		Environmental	
Model	JAG-XPF-156-04-1	Model	JAG-XPF-156-04-1	Model	JAG-XPF-156-04-1
Frequency Range (MHz)	138 – 174	Height	inches (mm) 4.5 (114.3)	Temperature Range	-40-degC to +60-degC
Insertion Loss (dB)	See Curve	Width	inches (mm) 4.5 (114.3)		
Attenuation / Selectivity (dB)	See Curve	Depth	inches (mm) 32.5 (825.5)		
Input VSWR (See Below)	2.1:1 – 1.1:1	Weight	lb (kg) 8 (3.63)		
Ratings		Mounting System		19-inch rack mountable with optional kit (not supplied)	
I.L. Setting (dB)	Power (W)	VSWR	Termination 'N' Female		
0.5	350	1.1:1			
1.0	185	1.4:1			
1.5	N/A	N/A			
2.0	N/A	N/A			
2.5	N/A	N/A			
3.0	80	2.1:1			
Nominal Impedance (Ω)	50				

JAG-XPF-156-04-1 Product Specification Sheet.

Specifications are subject to change without notice. As a result, all information contained in the present datasheet is subject to confirmation at time of ordering.

Dated: March-17-2011

Issue: 1

Made in Canada

Rev031711.1

Page 1/1



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JAG's dedication to continuous Research & Development will result in product improvements as they evolve.