

FPxxxRxxx-(C) 7 stages, Pass 160-162 MHz, Reject 217-223 MHz

- Suitable for closed frequency band signal isolation
- Compact construction with N (female) connectors
- 150 watts power handling capability

Sinclair's FPxxxR'xxx-S series band pass, band reject lumped element filters are compact making it convenient to be installed with other RF devices. These filters provide superior performances for channel isolation between closed frequency bands. They can also be used both for transportation and base station.

A variety models are available in VHF and UHF frequency bands.

Standard units are supplied with SMA connectors, but a number of special mounting and alternate connector and cavity configurations are available upon request.

Consult your Sinclair representative for further information and assistance in designing a band pass band reject filter to meet your specific requirements.



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Product Specification Sheet		FPxxxRxxx-(C)		Dated: 27-06-11

Electrical Specifications

Frequency Range (Pass Band)	MHz	160 to 162
Frequency Range (Reject Band)	MHz	217 to 223
Passband Insertion Loss	dB	0.7
Rejection level (min)	dB	70
Input VSWR (max)		1.5:1
Impedance	Ω	50
Number Of Stages		7
Average Power Input (max)	W	150
Input Connectors		SMA
Output Connectors		SMA
Bandwidth	MHz	2

Notes

*1 : when unit is secured to a metal surface

Mechanical Specifications

Length	in (mm)	4.06 (103)
Height	in (mm)	0.75 (19)
Width	in (mm)	1.45 (37)
Net Weight	lbs (kg)	0.2 (0.09)
Mounting information		Flange Mount

Environmental Specifications

Temperature range	°F (°C)	-22 to +140 (-30 to +60)
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