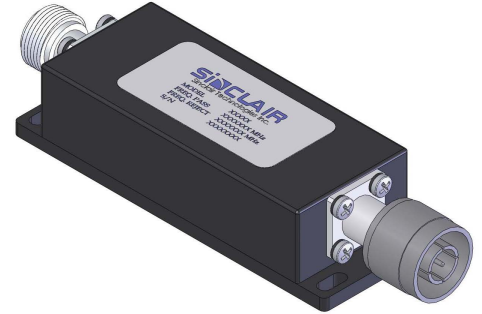


FP220R161/098-NMF N connectors, Pass 217-223 MHz, Reject 160-162 & 88-108 MHz

- Suitable for close frequency band signal isolation
- Designed for panel surface mount
- Compact construction with one N-male connector and one N-female connector
- 100 watts power handling capability

Sinclair's FPxxxRxxx-(C) 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 close frequency bands. They can also be used both for transportation and base station.

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



www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

Electrical Specifications

Frequency Range (Pass Band)	MHz	217 to 223
Frequency Range (Reject Band)	MHz	160 to 162
Frequency Range (Reject Band 2)	MHz	88 to 108
Bandwidth	MHz	6
Pass band Insertion Loss (max)	dB	0.7
Rejection level (min)	dB	70
Input VSWR (max)		1.5:1
Impedance	Ω	50
Average Power Input (max)	W	100
Input Connectors		N-Male
Output Connectors		N-Female

Mechanical Specifications

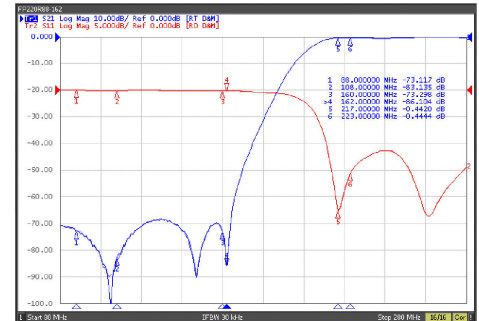
Height	in (mm)	0.96 (24)
Length	in (mm)	4.83 (123)
Width	in (mm)	1.45 (37)
Net Weight	lbs (kg)	0.2 (0.09)
Mounting information		Flange Mount
Shipping dimensions	in (mm)	9x6x3 (229x152x76)

Environmental Specifications

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

- *1 : when unit is secured to a metal surface
- *2 : excluding connectors



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