

FP20402N-2-2.0 Preselector, 2 MHz B.W., High Performance, 150-174 MHz

- Extremely high selectivity, high performance design
- Very compact, low profile VHF preselector for 150-170 MHz
- Easy to tune with very high temperature stability
- Mounted on 19" rack mountable plates

The FP20402N preselectors covers the 130-150 MHz band and 150-174 MHz band. Each preselector is offered with one of two band widths - 1.0 MHz and 2MHz. It weighs 9 pounds / 4.1 Kg with height of 3.5 in / 89 mm, width of 19 in / 483 mm (19" rack mountable), and depth of 17 in / 432 mm. The FP20402N is easy to tune, offers very high temperature stability, provides extremely high selectivity, and low insertion loss, typically less than 1.6 dB operating at Fo.



Application Notes

- Attenuation of 43dB @ fo minus 5 MHz and 50dB @ fo plus 5 MHz

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Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Electrical Specifications

Frequency Range	MHz	150 to 170
Input VSWR (max)		1.5:1
Approx Bandwidth @ 50 dB	MHz	11
Bandwidth at specified insertion loss	MHz	2
Insertion loss (typ)	dB	1.4
Impedance	Ω	50
Input Connectors		N-Female
Output Connectors		N-Female

Notes

*1 : 12" w/o tuning devices

Mechanical Specifications

Width	in (mm)	19 (483)	
Depth	in (mm)	17 (432)	*1
Length/ Height	in (mm)	3.5 (89)	
Weight	lbs (kg)	9 (4.09)	
Estimated Shipping Weight	lbs (kg)	16 (7.26)	
Shipping dimensions	in (mm)	25x19x7 (635x483x178)	
Mounting configurations		19 inch rack	

Environmental Specifications

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