

**FP20402N-1-1.0** Preselector, 1 MHz B.W., High Performance, 130-150 MHz

- Extremely high selectivity, high performance design
- Very compact, low profile VHF preselector for 130-150 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 150-170 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 60dB @ fo minus 5 MHz and 74dB @ fo plus 5 MHz

www.sinctech.com

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	130 to 150
Input VSWR (max)		1.5:1
Approx Bandwidth @ 50 dB	MHz	6.5
Bandwidth at specified insertion loss	MHz	1
Insertion loss (typ)	dB	2
Impedance	Ω	50
Input Connectors		N-Female
Output Connectors		N-Female

### Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	17 (432)
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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