



# LNB C-BAND DRO 8000RI

## SPECIFICATIONS

<b>Noise Temperature</b>	30K typ., 35K max. at room temp. @ CF Depending on model number
<b>L.O. Stability</b>	± 500 KHz max.
<b>Phase Noise (SSB) max.</b>	-65 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz
<b>Input VSWR</b>	2.5 : 1 max.
<b>Output VSWR</b>	2.5 : 1 max.
<b>Gain</b>	60 dB typ., 55 dB min., 70 dB max.
<b>Gain Flatness (over full band)</b>	± 8 dB p-p
<b>Output P1dB</b>	+ 3 dBm min.



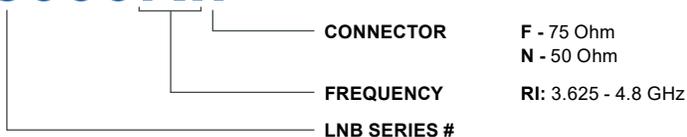
<b>DC Power</b>	+ 12V to + 24V DC
<b>Current</b>	250 mA max.
<b>Input (waterproof)</b>	CPR 229G waveguide grooved
<b>Output (waterproof)</b>	F-Connector (75 Ohm) N-Connector (50 Ohm)
<b>Dimensions (L x W x H)</b>	180 mm x 100 mm x 70 mm (7.1 in x 4.0 in x 2.8 in)
<b>Weight</b>	450 g (15.87 oz)
<b>Operating Temperature</b>	- 40 to + 60°C
<b>Storage Temperature</b>	- 50 to + 70°C

## FREQUENCY BANDS

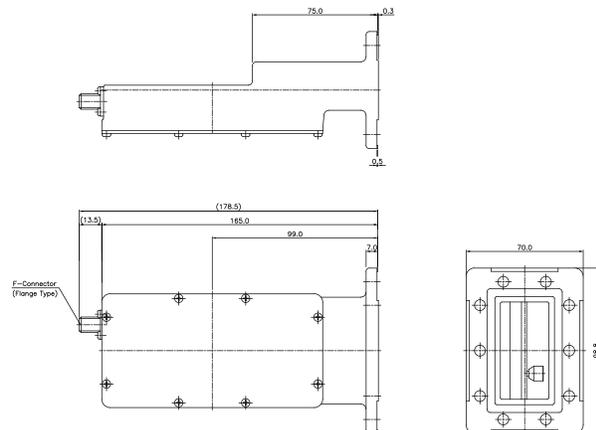
<b>Frequency Band (GHz)</b>	3.625 - 4.80
<b>L.O. Frequency (GHz)</b>	5.75
<b>IF Frequency (MHz)</b>	950 - 2125

## HOW TO ORDER

### 8000RIF



## MECHANICAL DIAGRAM



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