



LNB

C-BAND PLL

3200-BPF

5G INTERFERENCE LNB

SPECIFICATIONS



Noise Temperature	70K max. at room temp. @ CF
L.O. Stability	± 10 kHz max.
Phase Noise (SSB) max.	-80 dBc/Hz at 1kHz -85 dBc/Hz at 10kHz -95 dBc/Hz at 100kHz
Input VSWR	2.5 : 1 max.
Output VSWR	2.5 : 1 max.
Gain	62 dB typ., 55 dB min., 70 dB max.
Gain Flatness (over full band)	≤ 6 dB p-p
Output P1dB	+ 9 dBm min.

DC Power	+ 12V to + 24V DC
Current	300 mA max.
Input (waterproof)	CPR229G waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	144 mm x 70 mm x 98 mm (5.7 in x 2.8 in x 3.9 in)
Weight	500 g (17.64 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C

FREQUENCY BANDS

	Option 1	Option 2	Option 3	Option 4	Option 5
Frequency Band (GHz)	3.70 - 4.20	3.625 - 4.20	3.754 - 4.20	3.80 - 4.20	3.90 - 4.20
L.O. Frequency (GHz)	5.15	5.15	5.15	5.15	5.15
IF Frequency (MHz)	950 - 1450	950 - 1525	950 - 1396	950 - 1350	950 - 1250
Rejection (-25dBm interference signal)	< 3.6 GHz and > 4.8 GHz with no degradation	< 3.525 GHz and > 4.8 GHz with no degradation	< 3.654 GHz and > 4.8 GHz with no degradation	< 3.7 GHz and > 4.8 GHz with no degradation	< 3.8 GHz and > 4.8 GHz with no degradation

HOW TO ORDER

3200N-BPF-1

FREQUENCY (OPTION)	1: 3.70 - 4.20 GHz 2: 3.625 - 4.20 GHz 3: 3.754 - 4.20 GHz 4: 3.80 - 4.20 GHz 5: 3.90 - 4.20 GHz
CONNECTOR	F - 75 Ohm N - 50 Ohm
L.O. STABILITY	2: 2.0 ppm - ±10HKZ
LNB SERIES #	

MECHANICAL DIAGRAM

