



- New "Shorty" housing provides shorter length of CLNB-Filter stack
- 20-degree noise temp for improved signal quality
- Best stability rating prevents signal drop-outs when outdoor temps change rapidly
- CLNB input 3400-4200 Mhz, Output 950-1750 (use with new Phase2 filter to narrow bandpass to new FCC mandated 4000-4200 Mhz band)



Reduced length of CLNB-Filter stack (filter purchased separately), for less stress and weight on feedhorn.

Item	Specifications
Input	Waveguide, CPR229 (with Groove)
Output	
Interfac	F-type, female (75 ohm)
Noise Temperature (Ta.: +25 C)	20 K typ.
Linear Gain (Ta.: +25 C)	59 dB min., 66 dB max.
Local Stability	+/-0.5 ppm (Ta.: -30 to +60 C) (+/- 5 KHz)
L.O. Phase Noise	-70 dBc/Hz typ. @ 100 Hz -80 dBc/Hz typ. @ 1 kHz -85 dBc/Hz typ. @ 10 kHz -95 dBc/Hz typ. @ 100 kHz
Spurious	a) -140 dBm max. at input, Fixed frequency spur, unrelated to test CW signal (Measured at specified IF band). b) -55 dBc max. with test CW signal -10 dBm IF output (Measured at specified IF band).
Input V.S.W.R.	3.0 : 1 typ.
Output V.S.W.R.	2.5 : 1 max.
Power Requirement	+24 VDC (+12 to +24 VDC)
Current	350 mA max.
Temperature Range (ambient)	-40 to +60 C (operating), -40 to +80 C (storage)
Dimension & Housing (without	80.8 mm (L) x 99.6 mm (W) x 76 mm (H)
Inte face Connectors	[3.18" (L) x 3.92" (W) x 2.99" (H)]
Weight	800 g [1.76 lbs]