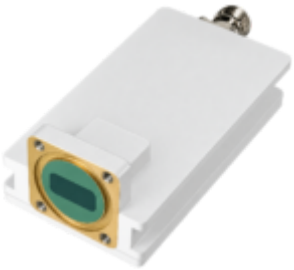
PLL LNB WITH AGC L.O. 11.8



PLL LNB with AGC L.O. 11.8

UMT presents new PLL LNB with AGC L.O. 11.8.

It is professional LNB which has the following advantages comparing with old one: wide dynamic range – up to 50 dB (biggest among any other LNB). AGC range: 25 dB, LO instability: 50 kHz, Gain (min): 40 dB.

PLL LNB with AGC L.O. 11.8 is professional low noise block down converter with automatic gain control designed for MVDS / MITRIS TV broadcasting systems (links and repeaters) application in which the signal stability is very important. In addition, PLL LNB with AGC has wide dynamic range (power at the input) which is the biggest among other LNBs.

LO: 11.8 GHz | **IN**: 12.75 – 13.55 GHz | **OUT**: 950 – 1750 MHz

New PLL LNB with AGC has the following advantages comparing with old one:

- higher level stability
- higher frequency stability
- wider dynamic range – up to 50 dB (biggest among any other LNB)
- less weight and dimensions
- less price

Output frequency range: 950 – 1750 MHz

KEY FEATURES:

- Wide dynamic range (power at the input) – up to 50 dB (biggest among any other LNB)

- AGC range: 25 dB
- Waveguide: WR75
- Flange: PBR120
- 75 Ohm F-type or 50 Ohm N-type output connector

معلمات الدخل	
	12.75 – 13.55
	– 65 ... -15 dBm
VSWR	1.8
	Waveguide WR75, Flange UBR120
المذبذب المحلي	
LO	11.8
ضوضاء طور **LO:**	
@1 kHz	-77 dBc/Hz
@10 kHz	-87 dBc/Hz
@100 kHz	-97 dBc/Hz
LO	± 25 kHz ( )
معلمات الخرج:	
	950 – 1750 MHz
@P1dB	0 dBm
	40 dB
	N/F-type female ( )
	50/75 Ohm

VSWR	1.8 : 1
ا سجا بق ا لتردد:	
	3 dB
27MHz	0.5 dB
ا لإ شارا ت لطفيلية:	
	5.0 dB
LO	-50 dBm
	60 dBc
مصر ا للطا قة:	
	15 VDC – 30 VDC, nominal 18 VDC
	5 W
ا لبيئة:	
	–40 to +60 (–40 to +140)
	–40 to +80 (–40 to +176)
	0% – 95%
ا لموا صفا ت لميكا نيكية	
(W x H x D)	59x41x144 mm
	0.4 kg

(UMT LLC)

م لحظة!

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