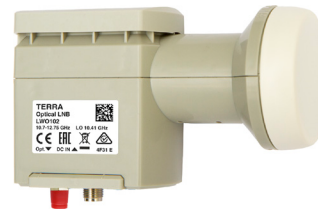




# 2 wideband SAT IF distribution equipment 40 mm fiber optical LNB

- low noise down converter with single mode fiber optical output
- internally stacked horizontal and vertical polarization IF signals
- built-in AGC system
- extended lifetime of the laser
- optimized for Astra and Hotbird
- test point for dish alignment
- powered via F connector



**Technical specifications**

T Y P E	LW0101*	LW0102*
Input frequency range V & H	10.7 - 12.75 GHz	
Noise figure, typical	0.7 dB	
LO frequency of downconverter	10.4 GHz	10.41 GHz
LO initial accuracy	± 500 kHz	
LO temperature drift	± 150 kHz	
LO phase noise	< - 75 dBc/Hz @ 10 kHz	
Image rejection	40 dB min	
Cross-pol isolation, typical	22 dB	
Internal IF	300-2350 MHz	290-2340 MHz
<b>Optical output</b>		
Wavelength and power	see ordering information*	
<b>Main characteristics</b>		
Supply voltage	10 - 20 V	
Power consumption	4 W max.	
Operating temperature range	-30° ÷ + 60° C	
Dimensions/Weight (packed)	141x89x63 mm / 0.35 kg	

\* ordering information:

Type	Laser	Ordering number
LW0101 4F31 E	4 dBm FP 1310 nm FC/UPC	14846
LW0102 4F31 E	4 dBm FP 1310 nm FC/UPC	14837