

Fibre LNB

Overview

The LNB OPM-LNB converts the received RF satellite signal into optical signals. The individual satellite levels are stacked one after the other and converted into the frequency range 950 MHz to 5.45 GHz. The newly created frequency band is then optically transmitted.

Features

The optical signal distribution is via single-mode fiber optic cable. Power is supplied to the LNB via a coax cable with F-connector and the supplied power supply.

- for converting four SAT levels into an optical output signal.
- 40 mm feed horn.
- Power supply included.
- FC / PC connection.
- **OPM-LNB 032:** Distribution to up to 32 retranslators; +7 dBm power.

Applications

Commercial & communal installation where the dish is far from the headend and the losses over coax will be too great.



Product Code: COFLNB

Specifications

Type:	OPM-LNB 032
Article no:	9245500
Input frequency:	10.7...12.75 GHz
Frequency range vertical:	0.95...3.0 GHz (stacked)
Frequency range horizontal:	3,4...5,45 GHz (stacked)
Optical output wavelength laser:	1310 nm
Output power/output power:	+7 dBm typ.
Noise level:	0.7 dB typ.
Gain:	72 dB max.
Gain change over the temperature/gain variation over temperature:	± 2 dB
Operating temperature range:	-30...+ 60°C
Power Supply:	12 VDC (F connector / F-type connector)