

fuba

Qualität mit Signalwirkung

**Satelliten-
empfang**



**We have noise on the
screen!**

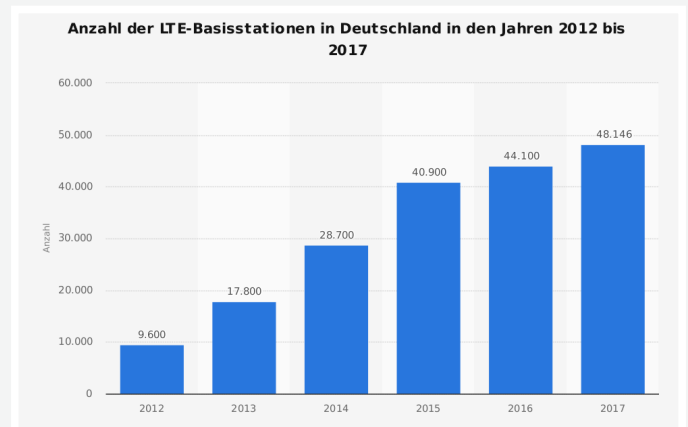
New LNBs with optimal mobile shielding.

If the TV picture is disturbed.

The 7th Fuba LNB generation helps.

More and more LTE antenna sites cause interference that corrupts your customers the TV experience. Despite optimally aligned satellite antennas are increasingly the interference that may cause a short freeze the TV images or skip.

The new LNB's 7th generation, these disturbances have no chance.



Source: Federal Network Agency



Best quality Streak:

Fuba LNBs with optimal mobile shielding.

Our 30 years of experience in the field of satellite reception technology, we have incorporated into the development of new LNB generation. In addition to design, installation and performance we have seen especially the mobile screen in the focus of the new receiving units.

The combination of an improved body sealing and a new board layout ensures the seventh generation LNB optimum protection against disruption mainly by LTE antennas.

With the new Fuba LNBs one to eight devices can be connected directly; Fuba the DEK 407 is designed with multi-switch for use in large distribution systems.

Guaranteed optimal mobile screening by:

- newly designed PCB layout
- optimal shielding of the conductor tracks
- improved shielding of the spacer
- improved seal housing
- highest quality materials housing



Best test results.

Laboratory confirmed the 7th generation LNB power.

Each LNB 7th generation is being protected from interference, whether caused by LTE or other sources. This is the clear result of the laboratory tests.

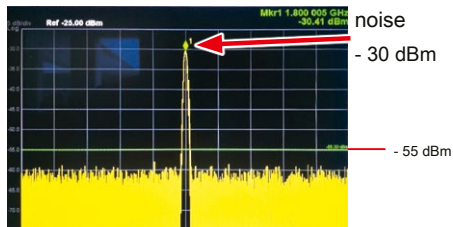
Tested in the laboratory

We compared the LNB of the sixth generation in the mobile screening with those of the seventh generation. The measurement results below show as an example the difference in the shielding between the twin LNB 6th generation and the twin LNB the new 7th generation upon irradiation of LTE frequencies of 1.8 GHz, as with in large cities and metropolitan areas small cell sizes and extremely high data usage be used.

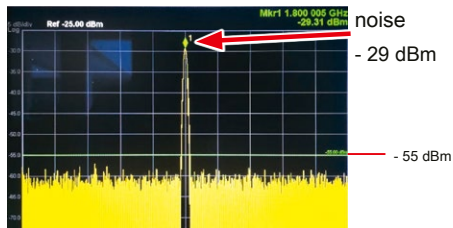
The shielding against LTE frequencies is improved by ≥ 30 dBm.

Fuba twin LNB DEK 206

output 1

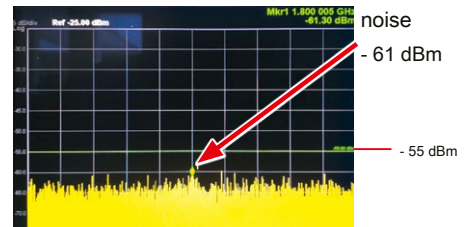


output 2



Fuba twin LNB DEK 217

output 1



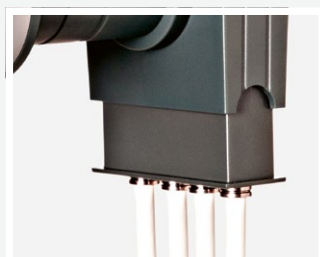
output 2



Proven class plus modern development = Fuba.

The 7th generation LNB combines cutting-edge innovations with familiar features like:

- low noise
- optimum output
- high frequency stability
- high isolation
- low energy consumption
- highest ease of installation due to the large F-connector spacing
- Plastic weatherproof housing with slipcase to protect F connectors
- newly developed and color-optimized design with brand embossed
- universally and HDTV, 4K and 3D compatible



The 7th generation LNB

Technical specifications



Type	DEK 117	DEK 217	DEK 407	DEK 417	DEK 817
Item No.:	21500069	21505037	21510046	21510047	21515004
Model:	Single LNB	Twin LNB	Quattro LNB	Quattro switch LNB	Octo LNB
Outputs:	1	2	4	4	8th
Feedhorn:	40 mm				
Input frequency range low band:	10.70 ... 11.70 GHz				
Input frequency range high band:	11.70 ... 12.75 GHz				
Output frequency range low band:	950 ... 1950 MHz				
Output frequency range high band:	1100 ... 2150 MHz				
LO frequency:	9.75 GHz / 10.60 GHz				
LO stability (at -30 ° ... + 60 ° C):	± 1.5 MHz	± 1.0 MHz			
Phase noise:	-75 dBc @ 1 KHz offset				
Cross polar:	min. 18 dB	min. 20 dB			min. 16 dB
Gain:	Max. 65 dB / min. 52 dB	Max. 49 dB / min. 47 dB			Max. 52 dB / min. 50 dB
Power supply:	9.5 ... 19.0 V		11.0 ... 20 V	9.5 ... 19.0 V	
Power consumption:	typ. 80 mA	typ. 150 mA		typ. 200 mA typ. 180 mA	
Operating temperatur:	- 30 ... + 60 ° C				
Mass:	87 g	220 g	260 g	260 g	320 g

Interference-free television for your customers. Order the Fuba LNBs the 7th generation.

