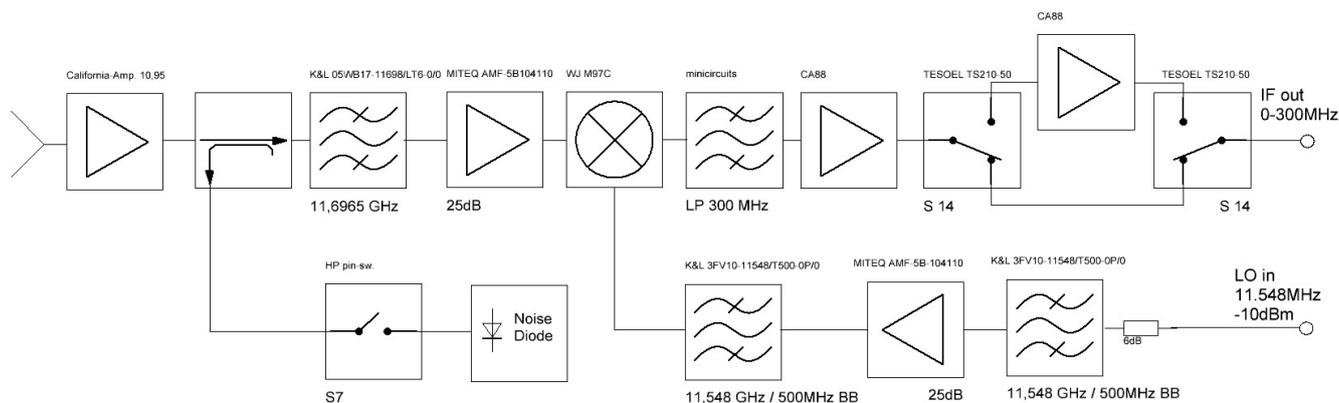


### Technical Documentation of the 2.6cm Holography Receiver 11.7 GHz (P26mm)

Type	HEMT uncooled
Channels	1
Receiver Noise Temperature	65K
Frequency Range	11.6965 GHz
Bandwidth RF-Filters-fixed	15 MHz
Polarization	LHC
Calibration	Noise Diode after 1. Amplifier
1. Oscillator	LO1 = 11,548 MHz (HSM12001 in PM1)
1. IF	0 - 300 MHz

### Block Diagram



Block Diagram

of the P26mm

### Comments

This system was constructed particularly for holography measurements of the main dish and is restricted in band width.

This system is part of Primary Focus Multi Frequency Box #1 (PM1).

From: <https://eff100mwiki.mpifr-bonn.mpg.de/> - Effelsberg 100m Teleskop

Permanent link: [https://eff100mwiki.mpifr-bonn.mpg.de/doku.php?id=electronics:rx:techinfo:documentation\\_p26mm](https://eff100mwiki.mpifr-bonn.mpg.de/doku.php?id=electronics:rx:techinfo:documentation_p26mm)

Last update: 2021/03/16 16:16

