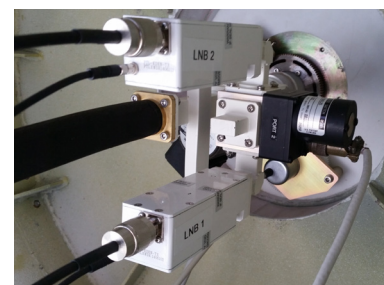


1+1 Redundant Ku-Band LNB Plate RDC-LNB-U-11-B

The TEMIX Ku-Band 1+1 Redundant LNB Plate series permits to manage the redundancy through a separate connector. PLL Lock alarm status guarantee a reliable management of the automatic switching in case of failure.



The automatic switchover unit controls the Main/Stand-by equipment operation. Based on the logic, it establishes which of the two LNB has to be switched to the antenna, thus assuring reception continuity. The Switch Over Unit monitors the status alarm contacts on the on-line device and switches to the standby unit in the event of an alarm.

| | |
|-------------------------|---|
| RF Frequency Range | 10.70-12.75GHz |
| IF Frequency Range | 950-2150 / 950-2150 / 950-2000 MHz |
| LO Frequencies | 9.75 / 10.6 / 10.75 GHz |
| LO Phase Noise | -70dBc/Hz @ 1kHz; -80dBc/Hz @ 10kHz -95dBc/Hz @ 100kHz -120dBc/Hz @ 1MHz |
| LO stability | +/- 5 KHz Internal (opt. external) |
| Gain | 62dB typ |
| Gain Flatness | +/-0.4dB max over any 30MHz +/-4dB max over full band |
| Noise Figure | 0.8dB typ |
| In/Out VSWR | 2:1 max |
| Band Selection | 13 / 18 Vdc (optional 22KHz Tone On/Off) |
| 22KHz Tone requirements | Freq.: 22KHz +/- 4KHz, 0.6 +/- 0.2V, Duty 50% +/-10% |
| Mechanical | |
| Size | 19" x 1RU x 25cm |
| Primary Power | 90-250 VAC, 47-63 Hz, 50W |
| Operating temperature | -30°C to +70°C (Outdoor LNB Plate) |
| Operating temperature | 0°C to +50°C (Indoor Controller) |



Main Features

- **Ku-band
10.70-12.75GHz
band selection**
- **Alarm Interface
(PLL Status)**
- **Int./Ext. 10MHz Ref**
- **Operation Mode:
automatic/manual
local/remote
unit on-line A/B**
- **Signaling:
Real Time Faults
Switch Status**

*The Information included in this data sheet may be changed without advise. rev_01/18

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