



DVB-S RECEIVER

Digital TV



The **DVB-S RECEIVER** is a receiver for Satellite Digital Broadcast suitable for all DVB application both for signal retransmission to transmitting site and for standard reception application.

The output is on ASI format, universally used in the DVB world as transport interface of Transport Stream (TS).

The equipment claims a great practicability for use together with a compact and economical design.

The 'DVB-S Receiver' covers the typical IF frequency range for satellite television from 950MHz to 2150MHz.

The **DVB-S RECEIVER** is realized in a 1U rack including the RF front-end section, the QPSK demodulation, the FEC (Forward Error Correction), and the ASI output section.

All the receiving sections of the equipment are extendable up to have a maximum of 3 received channels.

Neetra equipment is severely tested with highly accurate and professional laboratory testing instrumentation and is guaranteed by the ISO-9001

Quality Certification which ensures a perfectly managed production phase.

Neetra equipment for Digital TV broadcasting is currently used by valuable worldwide customers, which is the best certification for in-field performance over different operating environments.

Main characteristics

- Rack 1U
- Available up to 3 integrated receivers
- Input Frequency from 950MHz to 2150MHz
- F Connector Input with loop-through
- ASI Output on BNC
- Automatic Bit-Rate adaptation on ASI Input
- DVB-T and ATSC compliant
- Front Panel Display
- Universal Power Supply
- Perfect for all DVB application
- Local Control USB Port (on front panel)
- Telemeasures and RS485 (on rear panel)

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Technical characteristics

DVB-S RECEIVER SECTION Input Frequency RF Input Connector Input Impedance Modulation RF Output Connector Noise Figure Input Level RF Output Gain	950MHz - 2.150MHz F Female 75 Ohm QPSK F Female 8dB (typ.) From -65dBm to -25dBm 0dB
OUTPUT SECTION Interface Connector Impedance System Interface	DVB-ASI BNC 75 Ohm ISO/IEC 13818-1 MPEG-2
GENERAL Physical Local Control Port Remote Control Port Remote Control Options User Interface on Front Panel Power Supply Voltage Power Consumption Operating Temperature	Case 19"-1U, 4kg USB RS485 PSTN-GSM-Ethernet (with external RCU equipment) LCD Display + Keyboard + Status LEDs 90 - 250VAC < 15W 0 - 45°C

Specifications and characteristics are subject to change without notice

