

Linear Broadcast LBT-U2D/S

DVB-S & DVB-S2 Transmodulator

The LBT-U2D/S is a 2RU fully self contained satellite to COFDM transcoder with 1.5 watts RMS output.

It has one CAM slot and is frequency agile across the whole of band 4 & 5

The units can be programmed in the field for all parameters.

SPECIFICATIONS:

Reception: DVB-S (QPSK), DVB-S2 (QPSK/8PSK)

TS processing: Yes

INPUT:

QPSK / 8PSK

Input frequency: 950-2150 MHz

Input level: -65 to -25 dBm

AFC pull in range: 5 MHz

Input symbol rate: 2-45 MS/s (DVB-S) 10-30 MS/s (DVB-S2)

COFDM remodulator:

Constellation: QPSK, 16 QAM, 64 QAM

Code rate: 1/2, 2/3, 3/4, 5/6, 7/8

Guard interval: 1/4, 1/8, 1/16, 1/32

MER: >38dB

Output power: 1.5 watts RMS, adjustable on front panel.

The output stage is fitted with an AGC module.

CONNECTORS:

Mains: 230-250 volts 50 Hz AC 25VA IEC

RF Out: "N" connector

Satellite input: Female "F" connector

DISPLAY:

4 line LCD, backlit, displays supply rails, output power, lock to satellite.

CONTROLS:

Power output, zero to 1.5 watts RMS on front panel.

Mains switch on front panel.

CASING:

**2RU Steel powdercoated rack case with heatsink on rear panel,
all connectors are on the rear panel.**

*** The CAM & card fitted determines the services decoded.**

**We can supply a CAM, card combination for the VAST service or
ABC and SBS.**