

APPLICATIONS:

Fixed links (STL - Studio Transmitter Link)
Mobile links (e.g.: for O.B.Van)
Distribution/Contribution terrestrial
Microwave Link Networks

MAIN FEATURES AND OPTIONS:

ASI input/output interface with bit rate up to 34Mbit/s
Optional analog or digital video/audio inputs and outputs
Versions with up to four video/dual audio high performance
MPEG-2 encoders and decoders
Fully agile (with 100KHz synthesizer steps) in the entire frequency band
Tripod mounted versions
Standard 78cm diameter offset parabolic antennas

TECHNICAL FEATURES:

MODULATOR/DEMODULATOR – 34 mbits (mod 70 qpsk – dem 70 qpsk)

MPEG TRANSPORT STREAM interface

capacity From 1 to 31,5 Mbit/s + internal signaling rate
asi input 1 x BNC 75 Ohm
return loss > 15dB (from 5 to 270 MHz) Automatic wire adaptation
asi output 2 x BNC 75 Ohm 800 mVpp

RF

OPERATION FREQUENCY BANDS 950-2150Mhz
RF STANDARD OUTPUT 37dBm
spurious supression 60dB
NOISE factor 5dB
Return Loss 20dB
INPUT nominal LEVEL- 40dBm
MAXIMUM INPUT LEVEL 37 dBm
FREQUENCY DEVIATION WITHIN OPERATION TEMPERATURE RANGE 10 PPM
rf alarm thershold factory adjusted RF signal for output "BER" = 1×10^{-3}
image rejection 65dB
nominal fi gain (rf head) +40dB

general specifications

Mod 70 qpsk modulator Dimensions: 1 standard rack unit of 19" (335x483x44mm) Weight: 5 Kg
QPSK demodulator Dimensions: 1 standard rack unit of 19" (335x483x44mm) Weight: 5 Kg
operating temperature range RF Heads: From -20°C to + 45°C
Modulator and Demodulator: From -5°C to + 45°C
storage temperature range (every unit) From -40°C to + 70°C

