

COMPOSITE STL RADIO LINK

- Direct low noise synthesizer
- LCD user interface
- 10W output power



Specifications

Transmitter

Frequency range : 1700-1800 MHz
Output power : 10W
Frequency control : Direct synthesis PLL
Frequency stability : +/- 2.5ppm
Spurious level : <-70dBc
Modulation : F3 FM
THD : 0.05% (1KHz, +/- 75 KHz deviation)
SNR : >60 dB
Output impedance : 50 Ω
Output connector : "N" female
Input impedance : 10 K Ω
Input connector : BNC female
Input level for +/- 75 KHz dev: 0dBu
Frequency response : 25 Hz- 70 KHz.
Operating voltage : 230 VAC +/- 10% 50 Hz
Power consumption : 100 W
Operating temperature : 0-45 $^{\circ}$ C
Dimensions : 483mm x 132mm x 525mm
(19" Rack 3U)
Weight : 8 Kg

Receiver

Frequency range : 1700 - 1800 MHz
Frequency control : Direct synthesis PLL
Frequency stability : +/- 2.5ppm
Threshold : -95 dBm
Sensitivity : -60 dBm for 50dB SNR (MPX)
Noise figure : < 6.5 dB
Image rejection : >60 dB
I.F. : 70 MHz, 10.7 MHz
I.F. bandwidth : 250 KHz
Modulation : F3 FM
Input impedance : 50 Ω
Input connector : "N" female
Output impedance : 10 K Ω
Output connector : BNC female
Output level for +/- 75 KHz dev: 0dBu
Frequency response : 25 Hz- 70 KHz.
THD : 0.1% (1KHz, +/- 75 KHz deviation).
Operating voltage : 230 VAC +/- 10% 50 Hz
Power consumption : 50 W
Operating temperature : 0-45 $^{\circ}$ C
Dimensions : 483mm x 132mm x 525mm
(19" Rack 3U)
Weight : 6 Kg

Specifications may change without notice