



RADIO LINK STL-TX & STL-RX



Transmitter Features

Frequency Range:	200~960 MHz <22MHz sub-band
Type of Modulation	FM Class F3
VCO Tuning	25 MHz
Frequency Stability	± 2.5ppm (Better On request)
Synthesizer Step	25KHz
Power Output	10W or 20W (-H)
Spurious Emission	< -80 dB or better
Harmonic Emission	< -65 dB (-80 dB on request)
Stereo Separation	> 55 dB @ 1 KHz
Distorsion	< 0.2% (TYP 00.8 %) @ 1KHz)
Base Band	30 Hz - 60 KHz within 0.15 dB
Unweighted S/N Ratio	> 72 dB rms at 30 Hz ~ 20 KHz
Enphasis	50 or 75 µS - selectable
RF Connectors	N-F 50 ohm
Input Base Band Imp.	2 Kohm
Input Mono Impedence	600 Ohm
Cooling	Forced air
OP. Temperature Range	0 ÷ +50°C
Maximum Umidity	90%
AC Supply	at request
Dimension	1 Units Rack 19" 44 cm Depth
Weight	6.8 Kg

Receptor Features

Frequency Ranges	200~960 MHz <22MHz sub-band
Type of Modulation	FM Class F3
VCO Tuning	25 MHz
Frequency Stability	± 2.5 ppm (Better on request)
Synthesizer Step	25KHz
Sensibility:	10mV @ 60dB-S/N
Image Rejection	60dB Typ.
RN Noise Figure	6dB or lower
Stereo Separation	> 45 dB @ 1 KHx
Distorsion	< 0.5% (TYP 0.2 % @ 1KHz)
Base Band	30 Hz - 60 KHz within 0.08 dB
S/N Ratio	> 72 dB with 0.2 mV input (Typ 78 dB)
Deenphasis	50 or 75 µS int. selectable
RF Connectors	N-F 50 ohm
B. Band-IF Conn.	BNC-F
Base-Band Imp.	< 30 ohm
Cooling	Forced air
P. Temp. Range	0 ÷ +50°C
Maximum Umidity	90%
AC Supply	at request
Dimension	1 Units Rack 19" 44 cm Depth
Weight	6.2 Kg



REAR SIDE