



TSL AURAL LINK TRANSMITTER

Frequency Range:	1,3~2,5 GHz -20MHz sub-bands
Type of Modulation:	FM Class F3
VCO Tuning:	25 MHz
Frequency Stability:	± 2,5ppm (Bettr On request)
Synthesizer Step:	25KHz
Power Output:	5 Watts (1W upon request)
Spurious Emission:	< -80 dB or better
Harmonic Emission:	< -65 dB (-80 dB on request)
Stereo Separation:	> 55 dB @ 1 KHz
Distortion:	< 0.2% (TYP 0.08 %) @ 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 MPX Impedance:	2 Kohm
Input Mono Impedence:	600 Ohm
Input MPX connector:	BNC-F
nput Mono connector:	XLR
Cooling:	Forced air with brushless long life fan
OP. Temperature Range:	0 ÷ +45°C.
Maximum Umidity :	90% non condensing
AC Supply:	100 ÷ 240 Volt; 47 ÷ 63 Hz
Dimension:	1 Units Rack 19" 44.cm Depth
Weight:	5.Kg

RAL AURAL LINK RECEIVER

Frequency Ranges:	1,3~2,5 GHz - 20MHz sub-band
Type of Modulation:	FM Class F3
VCO Tuning:	25 MHz
Frequency Stability:	± 2.5 ppm (Better on request)
Synthesizer Step:	25KHz
Image Rejection:	>90dB Typ.
IF circuit config.:	Double conversion 1°70MHz – 2° 10.7MHz
RX Noise Figure:	7dB or lower
Stereo Separation:	> 45 dB @ 1 KHz
Distortion:	< 0.5% (TYP 0.15 % @ 1KHz)
Base Band:	30 Hz- 60 KHz within 0.08 dB
S/N Ratio:	> 67 dB with 0.2 mV input (Typ 70 dB)
Deenphasis:	50 or 75 µS int. selectable
RF Connector:	N-F 50 ohm
B. Band-IF Conn:	BNC-F
Base-Band Imp.:	< 30 ohm
Mono Impedence:	< 30ohm X2 Balanced
Mono connector:	XLR
Cooling:	Forced air with brushless long life fan
P. Temp. Range:	0 ÷ +45°C.
Maximum Umidity:	90%
AC Supply:	100 ÷ 240 Volt; 47 ÷ 63 Hz
Dimension:	1 Units Rack 19" 44.cm Depth
Weight:	4 Kg