



# FM BROADCAST VHF – UHF AURAL LINK

mod. **TSG - RAG**



## TECHNICAL FEATURES

Frequency Range:	200~960 MHz -20MHz sub-band	Frequency Ranges	200~960 MHz - 20MHz sub-band
Type of Modulation	FM Class F3	Type of Modulation	FM Class F3
VCO Tuning	25 MHz	VCO Tuning	25 MHz
Frequency Stability	± 2,5ppm (Bettr On request)	Frequency Stability	± 2.5 ppm (Better on request)
Synthesizer Step	25KHz	Synthesizer Step	25KHz
Power Output	10 Watts	Image Rejection	60dB Typ.
Spurious Emission	< -80 dB or better	RN Noise Figure	6dB or lower
Harmonic Emission	< -65 dB (-80 dB on request)	Stereo Separation	> 45 dB @ 1 KHz
Stereo Separation	> 55 dB @ 1 KHz	Distorsion	< 0.5% (TYP 0.2 % @ 1KHz)
Distorsion	< 0.2% (TYP 00.8 %) @ 1KHz)	Base Band	30 Hz - 60 KHz within 0.08 dB
Base Band	30 Hz - 60 KHz within 0.15 dB	S/N Ratio	> 72 dB with 0.2 mV input (Typ 78 dB)
Unweighted S/N Ratio	> 74 dB rms at 30 Hz ~ 20 KHz	Deemphasis	50 or 75 µS int. selectable
Emphasis	50 or 75 µS - selectable	RF Connectors	N-F 50 ohm
RF Connectors	N-F 50 ohm	B. Band-IF Conn.	BNC-F
Input Base Band Imp.	2 Kohm	Base-Band Imp.	< 30 ohm
Input Mono Impedence	600 Ohm	Cooling	Forced air
Cooling	Forced air	P. Temp. Range	0 ÷ +45°C
OP. Temperature Range	0 ÷ +45°C	Maximum Umidity	90%
Maximum Umidity	90%	AC Supply	100 ÷ 240 Volt; 47 ÷ 63 Hz
AC Supply	100 ÷ 240 Volt; 47 ÷ 63 Hz	Dimension	1 Units Rack 19" 44 cm Depth
Dimension	1 Units Rack 19" 44 cm Depth	Weight	5.8 Kg
Weight	6.5 Kg		



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