



## MAIN FEATURES

- Extended Frequency Range
- Nominal rf power 5W-10W-20W-40W
- High stereo performance typ. 50 dB
- Extremely low distortion 0,1%
- Ac mains 90-260 vac extend range with pfc

## TECHNICAL SPECIFICATIONS



<b>TRANSMITTER MOD. ECL-T FEATURES</b>	<b>Frequency Range</b>	200~960 MHz <10MHz sub-band; 1.3~2.5 GHz <20MHz sub-band
	<b>Type of Modulation</b>	FM Class F3
	<b>VCO Tuning</b>	25 MHz
	<b>Frequency Stability</b>	± 2,5ppm (Better On request)
	<b>Synthesizer Step</b>	25KHz
	<b>Power Output</b>	5/10/20W depends of band
	<b>Spurious Emission</b>	< -80 dB or better
	<b>Harmonic Emission</b>	< -65 dB (-80 dB on request)
	<b>Stereo Separation</b>	> 55 dB @ 1 KHz
	<b>Distorsion</b>	< 0.2% (TYP 00.8 %) @ 1KHz)
	<b>Base Band</b>	30 Hz -60 KHz within 0.15 dB
	<b>Unweighted S/N Ratio</b>	S/N Ratio > 72 dB rms at 30 Hz ~ 20 KHz
	<b>Enphasis</b>	50 or 75 µS -selectable
	<b>RF Connectors</b>	N-F 50 ohm
	<b>Input Base Band Imp.</b>	2 Kohm
	<b>Input Mono Impedence</b>	600 Ohm
	<b>Cooling</b>	Forced air
	<b>OP. Temperature Range</b>	0 ÷ +50°C
	<b>Maximum Umidity</b>	90%
	<b>AC Supply</b>	100 ÷ 240 Volt; 47 ÷ 63 Hz
<b>Dimension</b>	1 Units Rack 19" 44 cm Depth	
<b>Weight</b>	6.8 Kg	

<b>RECEIVER MOD. ECL-R FEATURES</b>	<b>Frequency Ranges</b>	200~960 MHz <10MHz sub-band ; 1.3~2.5 GHz <20MHz sub-band
	<b>Type of Modulation</b>	FM Class F3
	<b>VCO Tuning</b>	25 MHz
	<b>Frequency Stability</b>	± 2.5 ppm (Better on request)
	<b>Synthesizer Step</b>	25KHz
	<b>Image Rejection</b>	60dB Typ.
	<b>RN Noise Figure</b>	6dB or lower
	<b>Stereo Separation</b>	> 45 dB @ 1 KHx
	<b>Distorsion</b>	< 0.5% (TYP 0.2 % @ 1KHz)
	<b>Base Band</b>	30 Hz -60 KHz within 0.08 dB
	<b>S/N Ratio</b>	> 72 dB with 0.2 mV input (Typ 78 dB)
	<b>Deenphasis</b>	50 or 75 µS int. selectable
	<b>RF Connectors</b>	N-F 50 ohm
	<b>B. Band-IF Conn.</b>	BNC-F
	<b>Base-Band Imp.</b>	< 30 ohm
	<b>Cooling</b>	Forced air
	<b>P. Temp. Range</b>	0 ÷ +50°C
	<b>Maximum Umidity</b>	90%
	<b>AC Supply</b>	100 ÷ 240 Volt; 47 ÷ 63 Hz
	<b>Dimension</b>	1 Units Rack 19" 44 cm Depth
<b>Weight</b>	6.2 Kg	