Amplifiers (spare parts)

Data Sheet

LRA112 HRA128

REF. 2158 REF. 2154

- Driver (LRA-112) and Power Amplifier (HRA-128) designed to make up varied output amplification configurations for «RA» gap-fillers and microrepeaters.
- Wide band UHF amplification.
- Push-pull technology in the LRA and FET-AsGa one in the HRA. AGC circuit in the HRA.
- Two symmetrical RF outputs in the LRA simplify the assemblies that use 2 HRAs to feed two antennas (or only one through a power-adding device).
- Impedance 75 Ω.
- Power voltage +12 VDC from a CFP module.
- Mountable on ClassA's baseplates or rack frames.

		LRA-112	HRA-128
Frequency band	MHz	470 – 862	
Response flatness	dB	± 1	
Nominal gain	dB	23	45
AGC range	dB	–	> 10
Interstage variable attenuator	dB	0 – 18	–
Noise figure (at max gain)	dB	< 8	
Output level - digital channel (shoulders at -38dB)	dBµV	(2x) 115	134 (300 mW)
Output level - analogue channel (-54 dB, DIN 45004K)	dBµV	(2x) 124	142 (2 W)
Continuous output level adjustment	dB	–	-4
Input and output impedance	Ω	75	
Input and output return loss	dB	> 10	
Input test	dB	-20 ±1	-20 ±3
Output test	dB	–	-40 ±2
Supply voltage	VDC	+12	
Consumption	mA	290	1350
Indicator leds		ON	STATUS - AGC
RF and test connector type		female F	
DC connector type	°C	banana socket	
Operating temperature	mm	-10 – +55	
Dimensions	mm	230 x 195 x 32	230 x 195 x 49

HEADQUARTERS
IKUSI - Ángel Iglesias S.A. · Pº Miramón, 170 · 20014 San Sebastián · SPAIN
Tel.: +34 943 44 88 00 · Fax: +34 943 44 88 20 · television@ikusi.com · www.ikusi.tv