

Product:	2W Clip-On Power Amplifier
SARAS P/N:	SPA024-2025-13-40

Item	Parameter	Units	Specification	Remark
1	Operating Frequency	MHz	2000 - 2500	
2	Gain	dB	13	min
3	Gain Flatness	dB	±1	Over full band
4	Output Power (P1dB)	dBm	+35	500mW COFDM Power
5	Linearity	dBc	30	Shoulder height at 0.5W COFDM Output
6	Input/Output Return Loss	dB	-10	Over operating band
7	Impedance	Ω	50	Unit is short and open circuit stable.
8	DC Power Supply	V	12±0.5	LEMO Part Number:- ECA.0B.303.CLL or equivalent
9	Current Consumption	mA	350	Maximum
10	Operating Temperature	°C	-10 to +50	Baseplate
11	Humidity		95% Non Condensing	
12	Dimensions	mm	88 x 51 x 15 (approx)	See interface drawing SPA018001 (latest issue) for details
13	Connectors		SMA Female	
14	Weight	g	150	Typical
15	Surface Finish		Black Powdercoat	