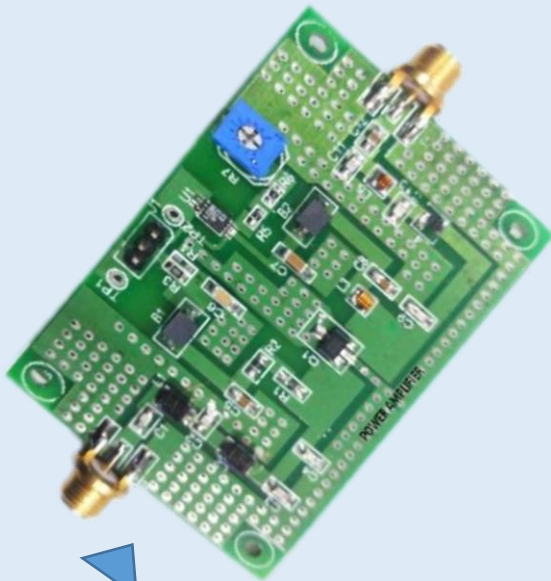


# Indigenously developed RF Components & Modules

CSSPL has established excellent manufacturing facilities with committed team of qualified and experienced technical work force for indigenous design, development and manufacturing of products from concept to completion in the areas of Civil / Defence Electronics & Communication fields.

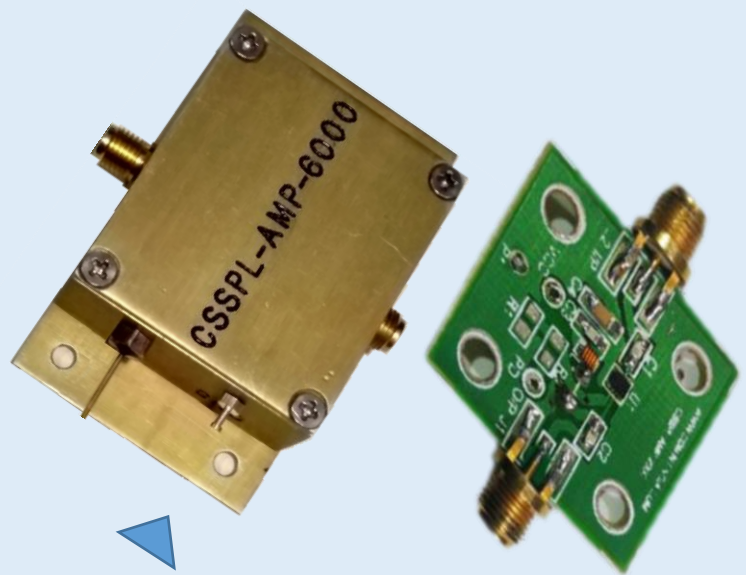
CSSPL has been granted Defence Industrial License No. DIL: 87 (2015) Dt. 23<sup>rd</sup> Nov. 2015 from Ministry of Commerce & industry, Govt. of India, for manufacture of defence equipment.

CSSPL has indigenously developed LNA [VHF/UHF/S-Band], Power Amplifiers [up to 4 W], Power Divider /Combiner, SP2T, SP4T-RF-Switch ..



**POWER AMPLIFIER**

PA 520 MHz [CSSPL-PA-520-4]



**UHF / VHF S Band LNA**

LNA 6000 MHz [CSSPL-AMP-6000] / LNA 2000 MHz [CSSPL-AMP-2000]

## Comint Systems and Solutions Pvt. Ltd.

Plot No.54, Samrat Colony, West Maredpally, Secunderabad Cantonment  
Secunderabad - 500 026. Telangana, India.  
Ph: +91 40 27802235/37 Fax: +91 40 27802234  
Email: comint@comintindia.com Website: www.comintindia.com

**Com!nt** | the  
system  
integrator

## POWER AMPLIFIER SPECIFICATIONS PA 520 MHz [CSSPL-PA-520-4]

Sl.No	Specifications	Range
1.	Frequency	380-520 MHz
2.	Gain	18 dBm
3.	Maximum Output Power	4 Watts
4.	Power Supply	+9 to 24Vdc / 200mA
5.	Efficiency	>60%
6.	Mechanical Dimension	Approx.(80mm(L)X45mm(W)x20mm(H))

## LNA SPECIFICATIONS LNA 2000 MHz [CSSPL-AMP-2000]

Sl.No	Specifications	Range
1.	Frequency Range	100-2000 MHz
2.	Gain1	9.5dB±1dB
3.	NF	0.5dB typ (0.7 dB max)
4.	Output P1 dB	+20 dBm
5.	Output IP3	+32 dBm Min
6.	Power shutdown	Optional
7.	Power supply	3.3 / 5 Vdc
8.	Current	50 / 80 mA
9.	Operating Temp	-60 to 150°C
10.	Storage Temperature Range	-65 to +150°C
11.	Application	Repeaters, TDD and FDD systems
12.	Mechanical Dimension	Approx.(42mm(L)x37mm(W)x16mm(H))

## LNA SPECIFICATIONS LNA 6000 MHz [CSSPL-AMP-6000]

Sl.No	Specifications	Range
1.	Frequency Range	700-6000 MHz
2.	Gain	20 dB ± 1 dB
3.	NF	0.5dB Typ (0.7 dB max)
4.	Output P1 dB	+20 dBm
5.	Output IP3	+32 dBm Min
6.	Power shutdown	Optional
7.	Power supply	3.3 Vdc / 5 Vdc
8.	Current	50 mA / 80 mA
9.	Operating Temp	-60 to 150°C
10.	Storage Temperature Range	-65 to +150°C
11.	Application	General Purpose Wireless, Mobile Infrastructure
12.	Mechanical Dimension	Approx.(42mm(L)x37mm(W)x16mm(H))