



the
system
integrator



Comint Systems and Solutions Pvt Ltd (CSSPL) is leading System Integration & Engineering company with excellent R&D , 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 Defence Electronics & Communication.

Low Noise Amplifiers

CSSPL offers Low Noise Amplifiers which are optimized for Broadband performance and deliver high gain with corresponding Noise figure .

FEATURES

- **Wideband performance**
- **Frequency Range 0.1 – 12 GHz**
- **Noise Figure 1.6 dB**
- **High Gain**
- **VSWR**
- **Connectors SMA F / . N Type**



SPECIFICATIONS

Model No	CSS-LNA-1G	CSS-LNA-2G	CSS-LNA-4G	CSS-LNA-8G	CSS-LNA-12G
Frequency Range	0.1 – 1 GHz	1 – 2 GHz	2 – 4 GHz	4 – 8 GHz	8-12 GHz
Gain	20 dB	20 dB	25 dB	15 dBm	25 dB
Noise Figure	1.6 dB	0.65 dB	0.6 dB	1.7 dB	1.6 dB
1 dB Compression	+15 dBm	+19 dBm	+16 dBm	+18 dBm	+12 dBm
Max Input Power	+13 dBm	+33 dBm	+20 dBm	+20 dBm	+20 dBm
Input Return Loss	16.5 dBm	11 dBm	10 dBm	15 dBm	15 dBm
Output Return Loss	15.5 dBm	17 dBm	10 dBm	11 dBm	15 dBm
Power Supply	+15 V DC	+15V DC	+15V DC	+15 V DC	+15 VDC
Connectors	SMA Female	SMA Female	SMA Female	SMA Female	SMA Female

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