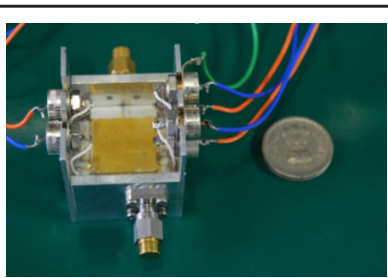


## C band Miniaturized LNA

U R Rao Satellite Centre (URSC) of Indian Space Research Organisation (ISRO) has developed a C band Miniaturized LNA as a module miniaturized in size with additional gain blocks are not required. It is used as LNA in RF front end of C band TTC missions.



LNA Module

### Salient Features

The module is smaller in size and is mission independent for C band TTC frequencies.

### Major Specifications

✦ Frequency	:	5.8-7 GHz
✦ Gain	:	Better than 30 dB
✦ Noise Figure	:	2 dB (typical)
✦ Size	:	16.2mm×16.2mm
✦ Mass	:	5.0 gm
✦ Power	:	120.0 mW

## Technology Transfer

URSC/ISRO offers to transfer this technology of C band Miniaturized LNA to industries in India with adequate experience and facilities. Industries interested in obtaining knowhow may write giving details of their present activities, infrastructure and facilities.

Technology Transfer & Industry Coordination Division (TTID),  
Programme Planning and Evaluation Group (PPEG),

📍 U R Rao Satellite Centre (URSC), ISRO, HAL Airport Road,  
Vimanapura Post, Bangalore – 560 017.

✉ Email-id: [tt-icd@ursc.gov.in](mailto:tt-icd@ursc.gov.in)

☎ Fax No: 080-25205261

🌐 <https://www.ursc.gov.in/industry/index.jsp>

