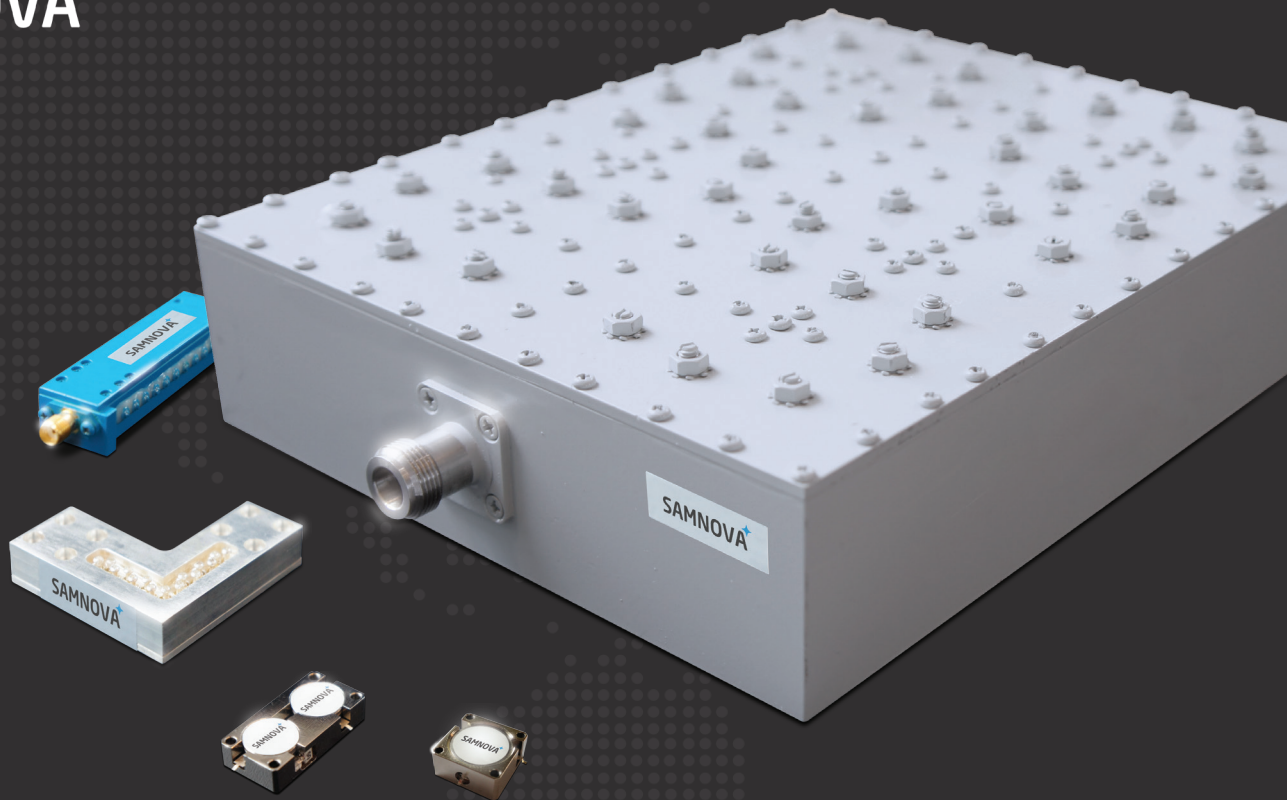


# SAMNOVA<sup>+</sup>



SHORTFORM CATALOGUE 2016

# DEDICATED TO WIRELESS

With this basic principle, Samnova has grown into the competitive force it is on the global market today.

Established in 2001, our sole purpose has been to design and engineer the highest quality components for wireless applications. Our goal is not only to meet the demand of today's market, but also prepare for the challenges of tomorrow.

With a high technical know-how and a highly professional team, our customers can be sure to receive the best service and our full support.

We always welcome our customers to challenge us as we are confident knowing that we can meet any demand, and grow their business, as we grow along with them.

*The samnova team*



**ESTABLISHED**  
2001

**BASE**  
Sweden

**APPLICATION FOCUS**  
Cellular, LTE, WiMax,  
Microwave Radio,  
Wireless Access  
Broadband and more.

**OPERATING**  
Worldwide

# WHY CUSTOMERS CHOOSE SAMNOVA

## **CUSTOM DESIGN WITH NO NRE OR TOOLING CHARGES\***

When approaching a new business opportunity, it's important for us to show just how serious we are when it comes to customer service. Therefore, we apply no NRE or tooling charges on custom RF filter designs. We even supply most samples FOC to help customers keep initial design costs to an absolute minimum.

*\*For more advanced designs, some fees may apply.*



## **UNMATCHED CUSTOMER SERVICE**

No NRE/tooling charges\*

## **SHORT LEAD TIMES**

We always strive to shorten design and production-time to market.

## **WORLDMARKET COMPETITIVE PRICING**

Fabless manufacturing utilizes competitive pricing without compromise.

# PRODUCT RANGE

## CAVITY & WAVEGUIDE

- 300 MHz ~ 38 GHz +
- CNC & diecasting option
- Multiband
- Advanced designs
- Up to IP 68 rating



## RF CONNECTORS & CABLE ASSEMBLIES

- Up to 60 GHz
- All standards like MCX, SMA, N-type, 7/16 and more
- SMA to waveguide converter
- Rigid, semi-rigid, sucoform, super-flexible and more



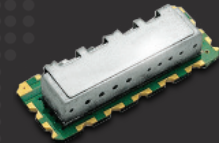
## ISOLATORS & CIRCULATORS

- 300 MHz ~ 38 GHz +
- Drop-in type
- Coaxial SMA/N-type



## DISCRETE FILTERS

- Up to 10 GHz +
- Custom LC & dielectric filter designs available
- IF/RF saw filter



# RESEARCH & DEVELOPMENT

## IN-HOUSE R&D

Here at Samnova, In-house R&D is vital for us to ensure successful products from start to finish. Being able to control every aspect of the products life cycle, from concept to prototype through testing and production gives us an invaluable advantage over many of our competitors, and uncompromised quality for our customers and their clients.

Our R&D team is comprised of 11 highly skilled Engineers and Designers ready to support you. Among them you will find 5 Passive design RF engineers, 2 Active design RF engineers, 2 Mechanical design engineers & 2 CAD designers.



## PASSIVE DESIGN PROPOSAL WITHIN

2 - 5 working days

based on customer specification

## PROTOTYPING WITHIN

2 - 4 weeks

from inquiry date

## PP DELIVERIES WITHIN

3 - 6 weeks

from approval of prototype and PO

## MP DELIVERIES WITHIN

3 - 7 weeks

from approval of prototype and PO

# PRODUCTION & QA

## OUR FACTORY

Our ISO 9001 certified factory in mainland China is available for orders 24/7. Whether it's a small test batch or a full scale production, we are always ready to meet our customers needs.



## FACTORY SPECS

- |  |                                     |
|--|-------------------------------------|
| 2 filter assembly lines                | 1 filter tuning production line     |
| 1 filter-trial production line         | 1 ferrite-based product tuning line |
| 2 ferrite-based product assembly lines | 1 active production line            |
| 1 active product assembly line         |                                     |

## EXTENSIVE TESTING

All Samnova products are 100% tested to ensure each and every component meets the electrical parameters and product modeling specified by our customers. All test data is saved to ensure full traceability.



## FILTER & WAVEGUIDE CAPACITY /YEAR

> 230,000 pcs

## FERRITE-BASED PRODUCT CAPACITY/YEAR

> 50,000 pcs

## AGILENT SPECTRUM ANALYZERS

47 pcs

## PROVEN TRACK RECORD

175,000+  
filters delivered

## MINIMAL LOSS

< 0,2‰  
defects overall

# LOCATIONS

## **SAMNOVA TECHNOLOGY AB**

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SE-263 58 Strandbaden  
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Fax: +46 42 44 99 419

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TAIWAN