

The Company



Phase2 Microwave was formed in December 2004 by members of the former Phase Devices and Com Dev Wireless team together with other experienced Microwave Professionals with the aim of filling a market need for European made microwave components and Satcom Systems.

Our aim is to supply well designed products at the right price and at the right time

Website www.Phase2mw.co.uk.

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The Key People



Chris Radcliffe – MD and Electrical Design. Co-founded Phase Devices in 1984. Has been designing Filters since 1970's and Wireless Filters since 1992. See website for CV.

Carl Crook - Mechanical design. 12 years experience in Wireless filter and subsystem design including TMAs.

Khalid Hashmi – Development, Production and Test. 12 years experience of Wireless development and production test.

Danny Grist - MD Alroy Microwave and Commercial Director Phase2 Microwave. 20 years experience in the Microwave industry.

Stan Cohen- Sales Director - Unrivalled knowledge of the Microwave industry.

Tim Jenkins – Manufacturing and QA 13 Years experience

Richard Cameron - Consultant on Filter Design

Areas of Expertise



RF and Microwave Filters using lumped elements, coax, waveguide and dielectric. Over thirty years experience and many groundbreaking designs.

Wireless Subsystems including Diplexers, TMAs and receiver front ends.

Low Intermod Filters, Diplexers and Subsystems

Coaxial and Waveguide Components

Satcom Switching and Filter Networks.

Facilities

Extensive Microwave CAD techniques.

- advanced synthesis techniques and circuit design
- mode matching and full wave EM CAD
- 3D Mechanical CAD and Thermal Simulation
- Computer Aided Tune and Test

Prototypes are not usually required.

Mechanical CAD

Devices and systems are modelled using 3D parametric CAD

A thermal simulation package links to the 3D CAD to allow accurate thermal modelling.

Network Analysers to 40GHz with Waveguide test benches to WG22

Microprocessor controlled thermal chambers -56 to 100 °C

Production Support and Facilities at Alroy Microwave

Previous Experience



Wireless Diplexer/LNA Subsystems (TDMA, GSM, DSC, PCS, UMTS) for Nokia, Nortel (Paris and Calgary) , Seimens, Lucent, Huawei

Wireless Towertop Amplifiers (Nortel UMTS, Seimens)

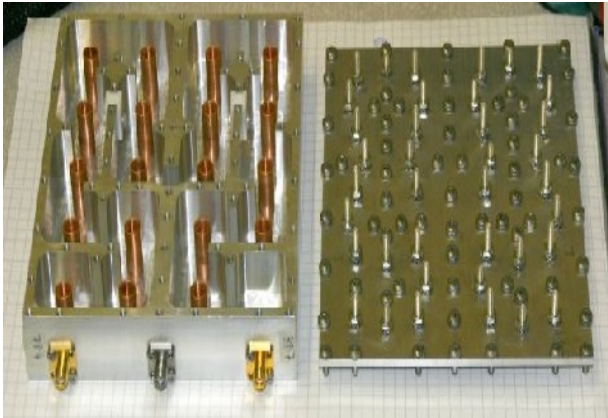
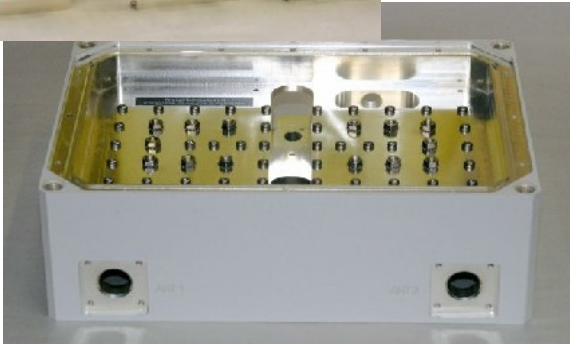
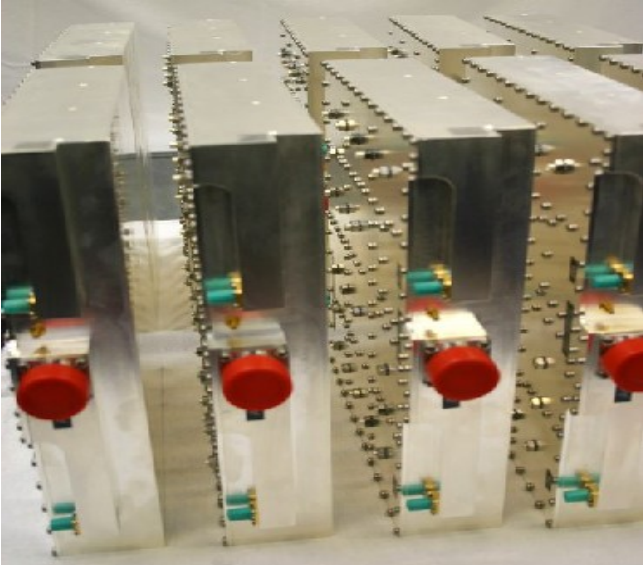
L Band Aeronautical Diplexer/LNAs (Ball Aerospace, Racal, Canadian Marconi, Dassault)

Ionica Consumer Diplexer and Base Station Diplexer at 3.4GHz (Nortel)

Satcom Switching and Filter networks

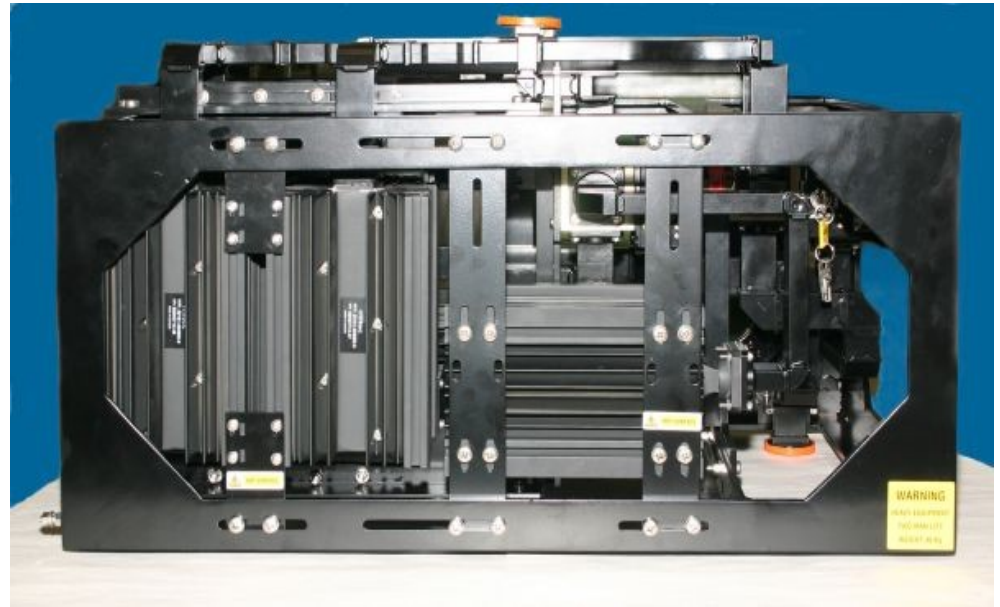
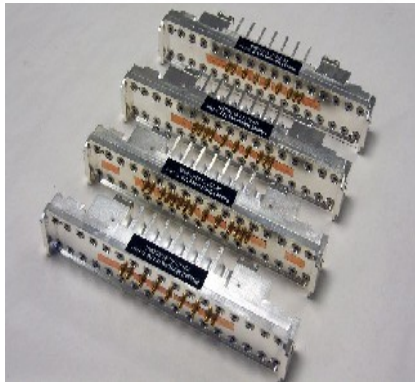
Inmarsat Diplexers (Marconi, STC)

Wireless Products



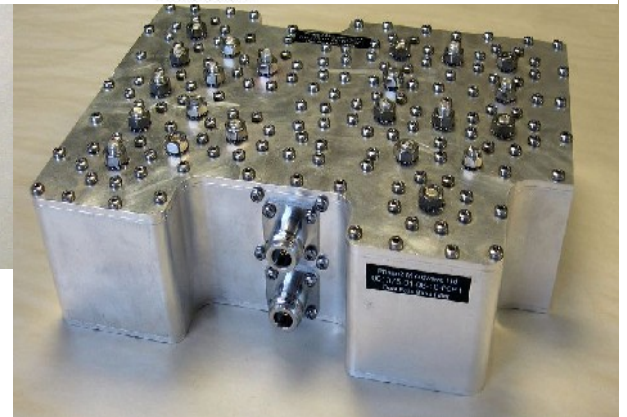
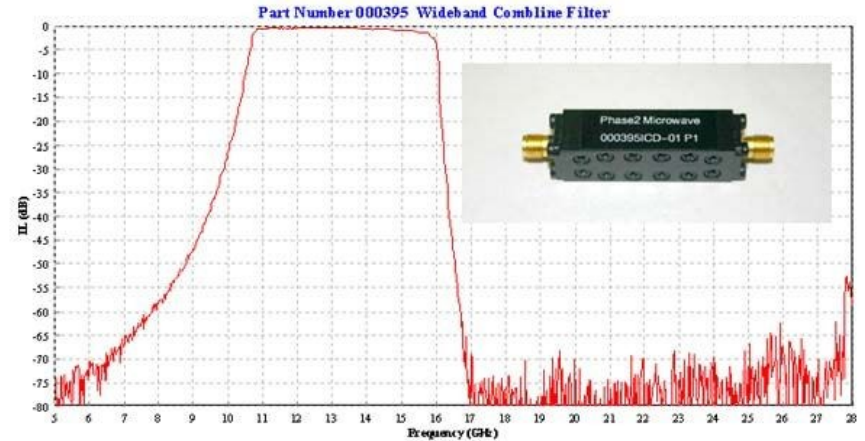
Diplexers and TTAs

Satcom Products



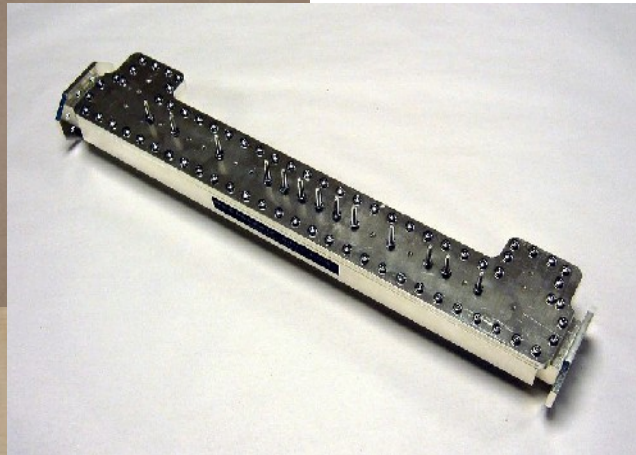
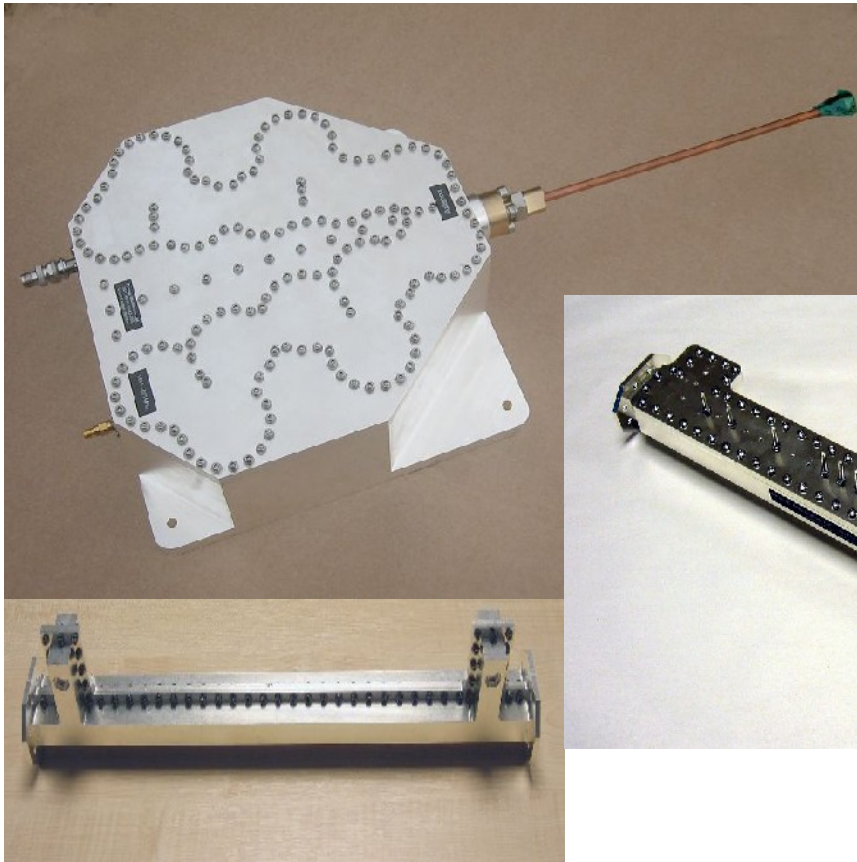
Filters, Diplexers, Components and Networks

General Products



Filters, Diplexers and Components

Low Intermod Products



Filters, Diplexers and Subsystems