

AMD-GROUP

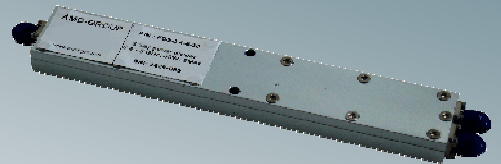
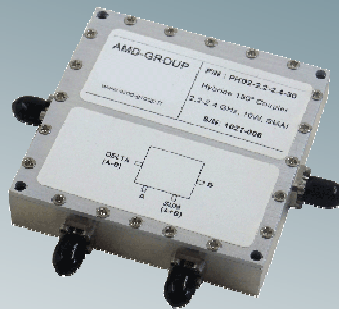
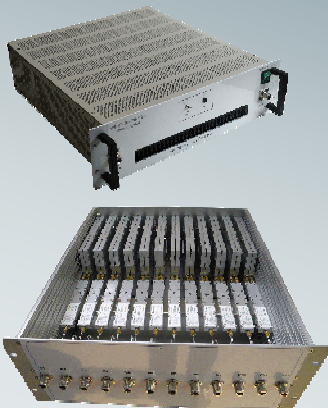
RADIO FREQUENCY AND MICROWAVES COMPONENTS

Your french microwaves partner



R&D
Manufacture
Tests
Sales

DC-50 GHz
Passive components
Active components
Systems
Engineering



WORDWIDE LEADER IN ULTRA

**WIDEBANDCOMPONENTS &
SYSTEMS DC-50GHZ**





COMPANY PROFILE

AMD-GROUP worldwide leader in ultra wideband components DC to 50 GHz.

AMD-GROUP offers a complete range of standard items that support the most demanding applications in defence, industry, aerospace, telecommunications, medical equipment, research & development...

AMD-GROUP provides a variety of services for customers from a concept to production of prototypes, sub-assemblies or complex systems.

Our engineering team designs and builds complex electrical and mechanical on customer specification for which our interdisciplinary nature is particularly well adapted.

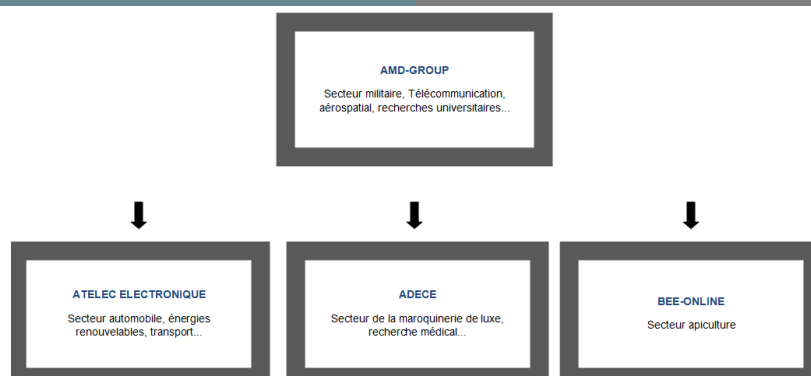
AMD-GROUP is an independent group specialised in high electronics technologies, radio frequency and microwave technologies.

AMD-GROUP is a team of 14 people highly qualified in microwave.

- 6 Engineers
- 1 Person in charge quality management
- 6 wire-stranding people
- 1 management assistant.

AMD-GROUP includes 3 companies with different sectors activities.

- **AMD-GROUP:** military - space - telecommunication industry.
- **ATELEC ELECTRONIQUE:** automobil - agricultural machinery - aeronautical & defence.
- **ADECE:** luxury leather - medical - telecommunication industry





PRODUCT OVERVIEW



Power Divider

2,4,6,8,12,16,32 ways

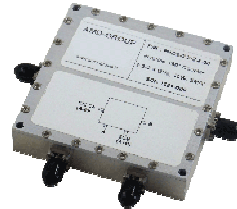
0.5-40GHz



Directional coupler

10, 20, 20 dB

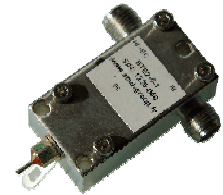
0.5-50 GHz



Hybride coupler

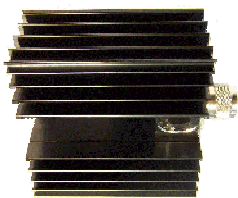
90°, 180°

0.5-18 GHz

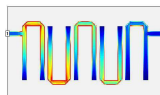


Bias tees & DC block

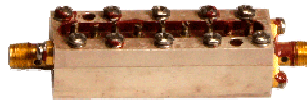
10MHz-40 GHz



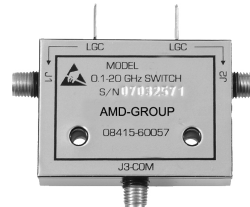
Power Termination & Attenuator DC-6 GHz, 500W



Filtres



Cavity, lumped, microstrip



Switches

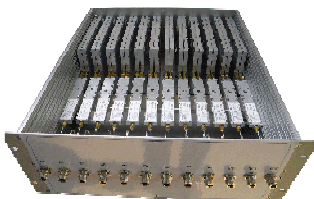
2,4,6,8,12,16,32 ways

Electromechanical & PIN



Switching matrix

Attenuator matrix



Custom System & Integration

DC-40 GHz



Power Amplifier

DC-18 GHz up to 1 kW



Manufacturing Machine



Test

Network analyser 50 GHz

Spectrum analyser 40 GHz

- Custom Design and Integration Services up to 50 GHz
- Amplifiers Integrated into Rackmounted units or Cabinet
- The power Divider and Couplers offered by AMD-GROUP are designed for both commercial and military applications on range DC - 50GHz
- DC Block and high current bias tees from DC to 20 GHz. Technologies : coaxial, SMD
- Cavity filters : high selectivity, narrow band filters with very low passband insertion loss
- Switches : up to 18GHz for power up to 150W CW. A new product family with pin diode switches
- Down converter, Up converter, frequency synthesizer



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