



## Multiple Active Splitters RAS 6 Series



Front View

The **RAS-6 Series** is an extremely innovative and evolved family of Satellite Splitters.

Although this is a mature product, after a careful market analysis, we concluded that the Satellite Communications (SATCOM) market required new products that were reliable, easily scalable and with wider bandwidth, with a few modules/parts to allow different configurations, reducing in this way the number of parts to be ordered / stored.

In the last years the Satellite Communications market, has enormously increased the Transponders capacity to supply more and more data. HTS (High-Throughput Satellite) Transponders therefore, require wider bands, with better linearity (flatness), better Impedance matching (Return Loss) and obviously always at lower prices.

To meet these requirements, Rover has developed the RAS-6 series of products which, with only 3 type of modules, can be used in many configurations, easy to assemble and program.



Rear View

This project is focused on important improvements of the most important parameters:

- **The Noise Figure, brought to to 7 dB, against 10/12 of competitors**
- **Intermodulation, raised to 45 dB, against 30/35 of competitors**
- **A wider frequency band from 700 to 2700 MHz, against 950-2150 MHz of competitors**

With the RAS-6 Satellite Splitters family of products we have achieved what we consider to be the best Performance/Price/Flexibility ratio required by the Satellite Communications Market for the years to come.

**Please contact us for more information & visit our website.**

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