

## 16-WAYS COMBINER/DIVIDER – KA-BAND Waveguide Technology

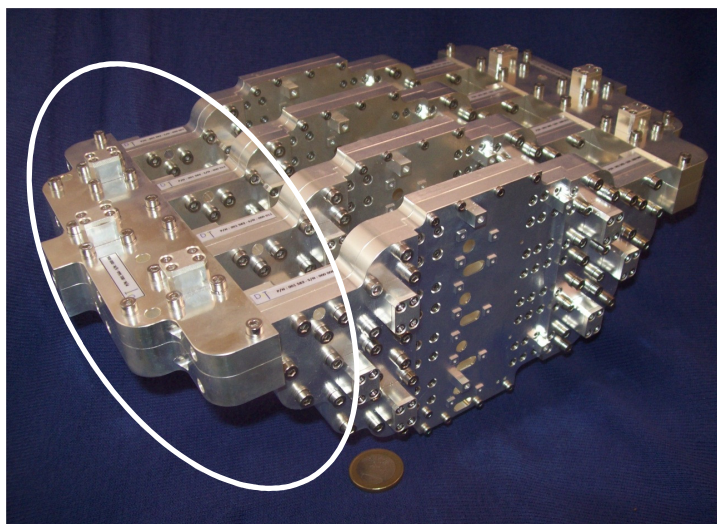
### Features

- Low insertion loss
- Full inputs failures on two adjacent ports

The picture illustrates an assembly where the signal is divided, amplified and then recombined using the same 16 ways assembly design to do both functions of division and combining.

This assembly offer reduced dimensions thanks to an original structure which combines vertical and horizontal modules.

The specifications below only concern the 16 ways combiner/divider.



### Specifications

Specifications	Values
Frequency:	27.5 – 31 GHz
Amplitude balance:	<1 dB
Phase Balance:	<20°
Insertion loss :	< 0.6 dB
Inputs VSWR:	1.25:1 max.
Output VSWR:	1.6:1 max.
Isolation (dB)	< 20 dB
Max Power Inputs	8W CW
Dimensions (L x W x H):	200 x 110 x 96 mm
Operating temperature	-40°C +70°C

**This product illustrates one of our proprietary skills.  
 Contact us for any other application.**