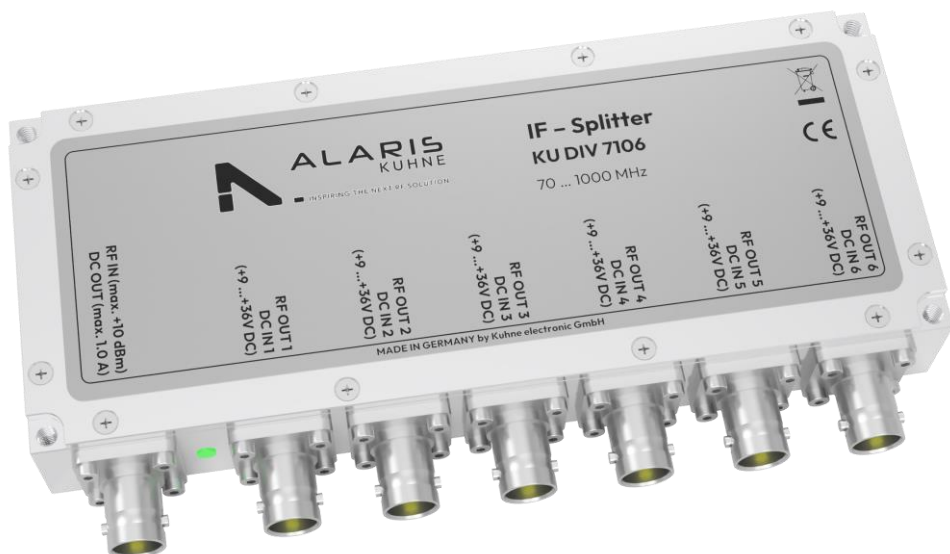


V1.0

# KU 7106



# Manual

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A DIVISION OF

**ALARIS**  
THE RF TECHNOLOGY GROUP



## Specification

### Specifications (Ta = 25 °C):

<b>Type</b>	<b>KU 7106</b>
Frequency range	70 ... 1000 MHz
<b>RF IN</b>	
RF input power	max. +10 dBm
Return loss (S11)	min. 10 dB
Connector / impedance	BNC-female, 50 ohms
<b>RF OUT 1...6 / DC IN 1...6</b>	
Return loss (S11)	min. 12 dB
Input voltage range	+9 ... 36 V DC
Connectors / impedance	BNC-female, 75 ohms
<b>Insertion loss</b>	
Small signal	max. 2 dB, typ. 0 dB
<b>Internal amplifier MMIC</b>	
Current consumption	typ. 130 mA @ 12 V
<b>Limits</b>	
Operating case temperature range	-20 ... +55 °C
<b>Mechanics</b>	
Case	milled aluminium
Dimensions (mm)	156 x 63,6 x 22
Weight	typ. 430 g

### Features:

- High linearity
- Power LED
- Reverse polarity protection

### Applications:

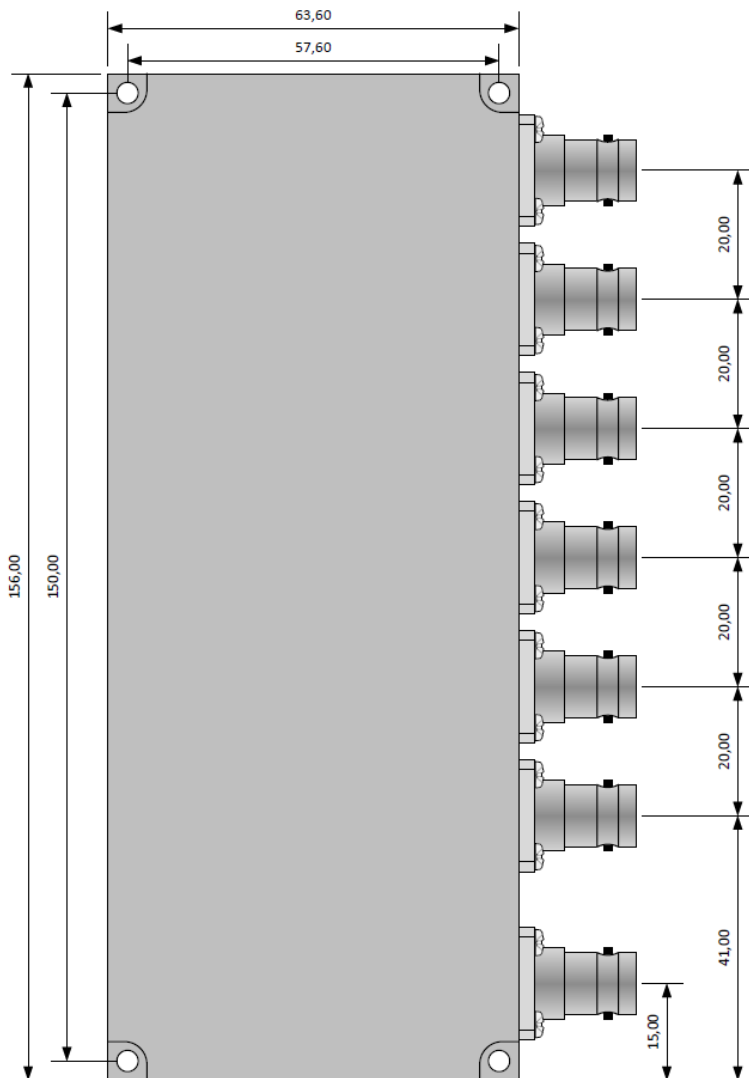
- Digital transmission and broadcast systems (DVB, WiMAX)
- COFDM systems using QPSK, QAM
- Analog transmission systems

### CE Konformität / CE Conformity

EMC directive 2014/30/EU  
 Low voltage directive 2014/35/EU  
 RoHS directive 2011/65/EU



## Dimensions / Mounting holes (mm)





## Notes

