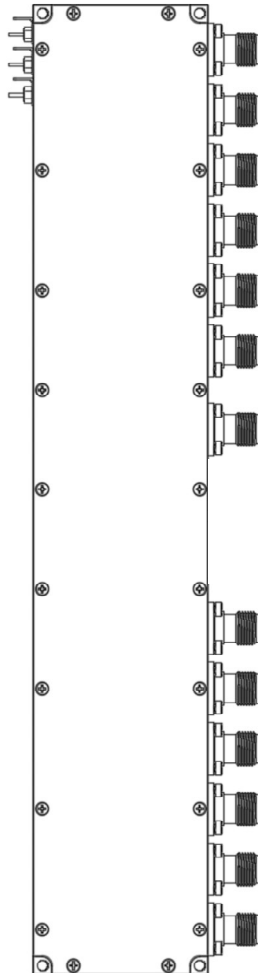


KU DIV 7112



Manual

Specification

Specifications (Ta = 25 °C):

Type	KU DIV 7112 – SVP087
Frequency range	70 ... 1000 MHz
RF IN / DC OUT 1	
RF input power	max. +10 dBm
Return loss (S11)	min. 10 dB
Load current	max. 1.0 A
Connector / impedance	TNC-female, 50 ohms
RF OUT 1...12 / DC IN 1...12	
Return loss (S11)	min. 12 dB
Input voltage range	+9 ... 36 V DC
Connectors / impedance	TNC-female, 50 ohms
Insertion loss (Small signal)	typ. 0 dB, max. 2 dB
DC IN 13	
Input voltage range	+9 ... 36 V DC
Connector	feedthrough capacitor
DC OUT 2 from DC IN 1 ... 12 or DC IN 13	
Input voltage range	+9 ... 36 V DC
Connector	feedthrough capacitor

Remote power Supply DC IN 14

Default setting: not activated

If DC OUT 1 is to exceed the value 1.0 A:

DC IN 14 can be activated to supply DC OUT 1 separately and thus relieve the inputs DC IN 1 ... 12. To activate, the device must be sent to the manufacturer.

Input voltage range	+9 ... 36 V DC
Connector	feedthrough capacitor

Internal amplifier MMIC

Current consumption	typ. 280 mA @ 12 V
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Limits

Operating case temperature range	-20 ... +55 °C
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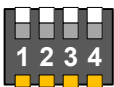
Mechanics

Case	milled aluminium
Dimensions (mm)	322 x 58 x 22
Weight	typ. 800 g

Switch

Switch 2,3,4 without function.

Switch 1 activates RF IN:



↑ OFF
↓ ON

Switch 1 – OFF

RF IN activated

Sig.: _____

QS.: _____

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



Mounting holes
Connectors

