

16.01.2019

# KU PA 270330 - 10A



## Manual

Specification

Specifications (Ta = 25 °C):

<b>Type</b>	<b>KU PA 270330 – 10A</b>
Frequency range	2700 ... 3300 MHz
<b>Input power</b> For P3dB Maximum	typ. +6 dBm +10 dBm
<b>Output power</b> P3dB P3dB	min. 40 dBm (CW) min. 10 W (CW)
<b>Gain</b> Small signal Flatness (small signal)	typ. 40 dB, min. 37 dB typ. +/-2 dB
<b>Harmonics</b> Harmonic rejection @ 40 dBm	typ. 22 dB
<b>Intermodulation distortions</b> IM3 @ 30 dBm PEP 1) IM3 @ 37 dBm PEP 1)	typ. 30 dBc typ. 40 dBc
Efficiency @ 40 dBm (CW)	typ. 48 %
ON voltage Supply voltage	+5 ... 14 V DC +27 ... 29 V DC
Quiescent current	typ. 0.3 A
Current consumption	max. 1.0 A @ 10 W
<b>Monitor output</b> Forward detection	yes (Diode-Detector)
<b>Mechanics</b> Input connector / impedance Output connector / impedance Case Dimensions (mm) Weight	SMA-female, 50 ohms SMA-female, 50 ohms milled aluminium 78 x 41 x 22 typ. 120 g

Features:

- GaN technology
- Reverse polarity protection
- Monitor output for forward power detection (DC voltage)
- Logic ON / OFF control (ON at +5 ... 14 V DC)

Applications:

- Measurement, Laboratory equipment

Amplifier should be mounted on heat sink!

- 1) Two tone test; Δf=1MHz

CE Konformität / CE Conformity

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



Sig.: \_\_\_\_\_

QS.: \_\_\_\_\_

Dimensions / Mounting holes



