



Amplifier module MKV-635-969-03

MTS-No.: 54.00.0969-03

Short description

This amplifier has been developed by MTS to amplify signals in the measurement technology. In combination with an adjustable attenuator the amplifier is controllable by IEEE488- or RS-232-interface. Also an application in a 19"-unit with a power supply and other components is available on request.



Picture similar!

Technical data:

1 RF-specifications:

1.1 Impedance	50 Ω
1.2 Frequency range	100 MHz - 1000 MHz
1.3 Input power	+7 dBm max.
1.4 Output power (1 dB GPC)	17 dBm
1.5 Gain	23 dB
1.6 Gain linearity	± 0.8 dB
1.7 ICP3 output	41 dBm min. at 100 MHz 32 dBm min. at 1000 MHz
1.8 Noise figure	3,5 dB max.
1.9 VSWR In	1,5 : 1 max
1.10 VSWR Out	2 : 1 max

2 Connections:

2.1 RF input	SMA female
2.2 RF output	SMA female
2.3 Voltage	15 V DC-feedthrough filter and grounding pin

3 General specifications:

3.1 Internal voltage	15 V DC ± 5 %
3.2 Power consumption	<300 mA

3.3 Operating temperature	-10° C to +45 °C
3.4 Storage temperature	-20 °C to +80 °C
3.5 Reference temperature for specifications	+25 °C
3.6 Dimensions (without connections)	79 mm x 59 mm x 20 mm (LxWxH)
3.7 Case style	Milled aluminium enclosure
3.8 Colour	Aluminium, raw
3.9 Weight	Approx. 0,1 kg

4 Delivered parts:

MKV-635-969-03

5 Comments:

Warranty	12 months
RoHS-compliant	No

6 Recommended accessories:

RF-cables
Bias tees
Heat sinks