



Amplifier module MKV-635-0971

MTS-No.: 54.00.0971

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	1 MHz - 1000 MHz
1.3 Output power (1 dB GPC)	17 dBm
1.4 Gain	20 dB min.
1.5 Gain linearity	±0,5 dB
1.6 Output ICP3	30 dBm min.
1.7 Noise figure	4,5 dB max.
1.8 VSWR In	1,6 : 1 max.
1.9 VSWR Out	2,0 : 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	<250 mA max.
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 Water and dust protect	IP62 to DIN 40050
3.7 Dimensions (without connections)	79 mm x 59 mm x 20 mm (LxWxH)
3.8 Case style	Milled aluminium enclosure
3.9 Colour	Aluminium, raw
3.10 Weight	Approx. 0,1 kg

4 Delivered parts:

MKV-635-0971

5 Comments:

Warranty	12 months
RoHS-compliant	No

6 Recommended accessories:

RF-cables
Bias tees
Heat sinks