



Amplifier module MKV-745-0973

MTS-No.: 54.00.0973

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 - 2000 MHz
1.3 Input power	-15 dBm max.
1.4 Output power (1 dB GPC)	11 dBm
1.5 Gain	31 dB min.
1.6 Gain linearity	±1 dB max.; ±0,5 dB typ.
1.7 ICP3 output	22 dBm min.
1.8 Noise figure	5 dB max.
1.9 VSWR In	1,8 : 1 typ.
1.10 VSWR Out	1,7 : 1 typ.

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. 0,2 kg

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

4 Delivered parts:

MKV-745-0973

5 Comments:

Warranty	12 months
RoHS-compliant	No

3 General specifications:

3.1 Internal voltage	15 V DC ± 5 %
3.2 Power consumption	<200 mA

6 Recommended accessories:

RF-cables
Bias tees
Heat sinks