

# MICROKOM

FULLY AUTOMATED PRODUCTION INTEGRATING THE NEW GENERATION OF MICROCOMPONENTS

DESIGNED WITH THE NEW GENERATION OF MICROCOMPONENTS, THE MICROKOM PRODUCTS STAND OUT FOR THEIR CONFIGURABILITY AND THEIR LOW CONSUMPTION



## PRODUCT RANGE

### Class 3

MicroKom C3 with Modular Return Path	
534602	Forward Path 20 dB. Return Path 5-65 MHz 20 dB
534702	Forward Path 24 dB. Return Path 5-65 MHz 20 dB
536602	Forward Path 30 dB. Return Path 5-65 MHz 25 dB
536702	Forward Path 35 dB. Return Path 5-65 MHz 28 dB
MicroKom C3 Return Path Module	
455320	Return Path 5-65 MHz 20 dB
455325	Return Path 5-65 MHz 25 dB
455328	Return Path 5-65 MHz 28 dB

## PRODUCT RANGE

### Class 4

Microkom C4 with Fixed Return Path	
534202	Forward Path 20 dB Return Path 5-65 MHz 20 dB
534302	Forward Path 30 dB Return Path 5-65 MHz 25 dB
534402	Forward Path 35 dB Return Path 5-65 MHz 28 dB

#### References

534602 534702 536602 536702 534202 534302 534402

#### Forward path

		MHz	85 ... 862						
Frequency range									
Gain			20	24	30	35	20	30	35
Nominal value deviation			± 1						
Linearity			±1,5						
Input attenuator (2dB steps)			0...18						
Interstage attenuator			0/6						
Input equalizer (2dB steps)			0...18						
Interstage equalizer			0/6						
Noise figure			≤ 7,5						
Output level	DIN 45004B		118						
	CSO (42 channels 862 MHz) 60dB		100						
	CTB (42 channels 862 MHz) 60dB		100						
Return losses			> 12						
Test socket			- 20						

#### Return path

		MHz	5...65						
Frequency range									
Gain			20	20	25	28	20	25	28
Nominal value deviation			± 1						
Linearity			± 1						
Input attenuator (2dB steps)			0...18						
Interstage equalizer			0/3/6						
Noise figure			≤ 6						
Output level	DIN 45004B		118						
	64QAM 4TP (in compliance with KBW standard)		>115 1.0 e-8						
Return losses			> 12						
Test socket			- 20						

#### General

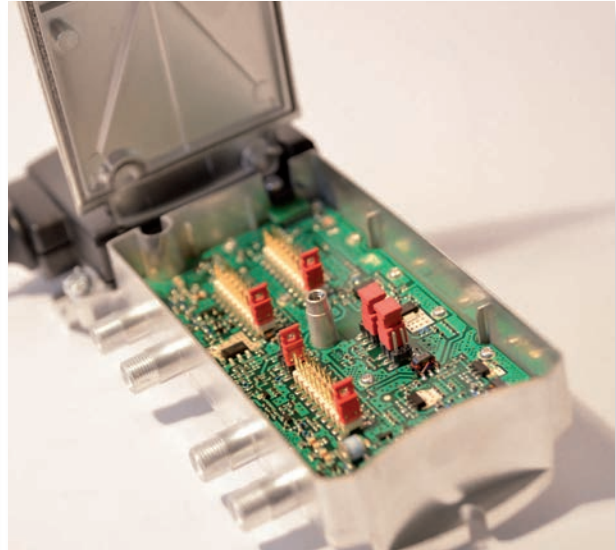
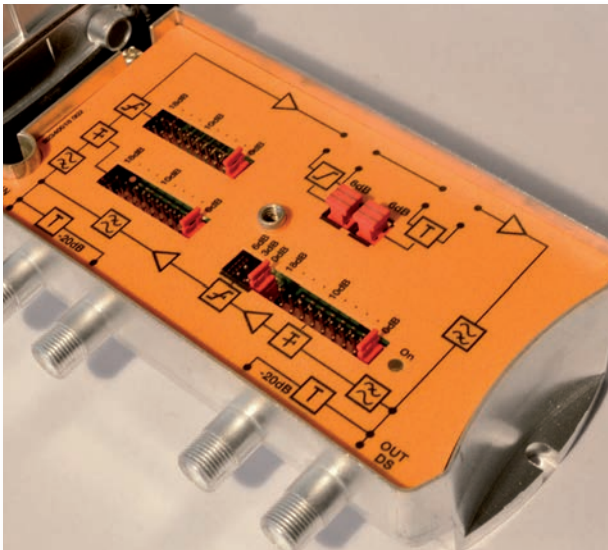
Power consumption	Watt	5	5	5,5	6	5	5,5	6
Mains voltage	Vac/Hz	207 - 253 / 50-60						
Operating temperature	°C	-10 ... + 45						
Electrostatic discharges protection (EN61000-4-2)	kV	8						
Protection class	class	II isolation						
Protection index	IP	20						
Connectors HF	type	F-female						
Dimensions (W x H x D) / Weight	mm/g	185 x 80 x 35 / 400						

# MICROKOM

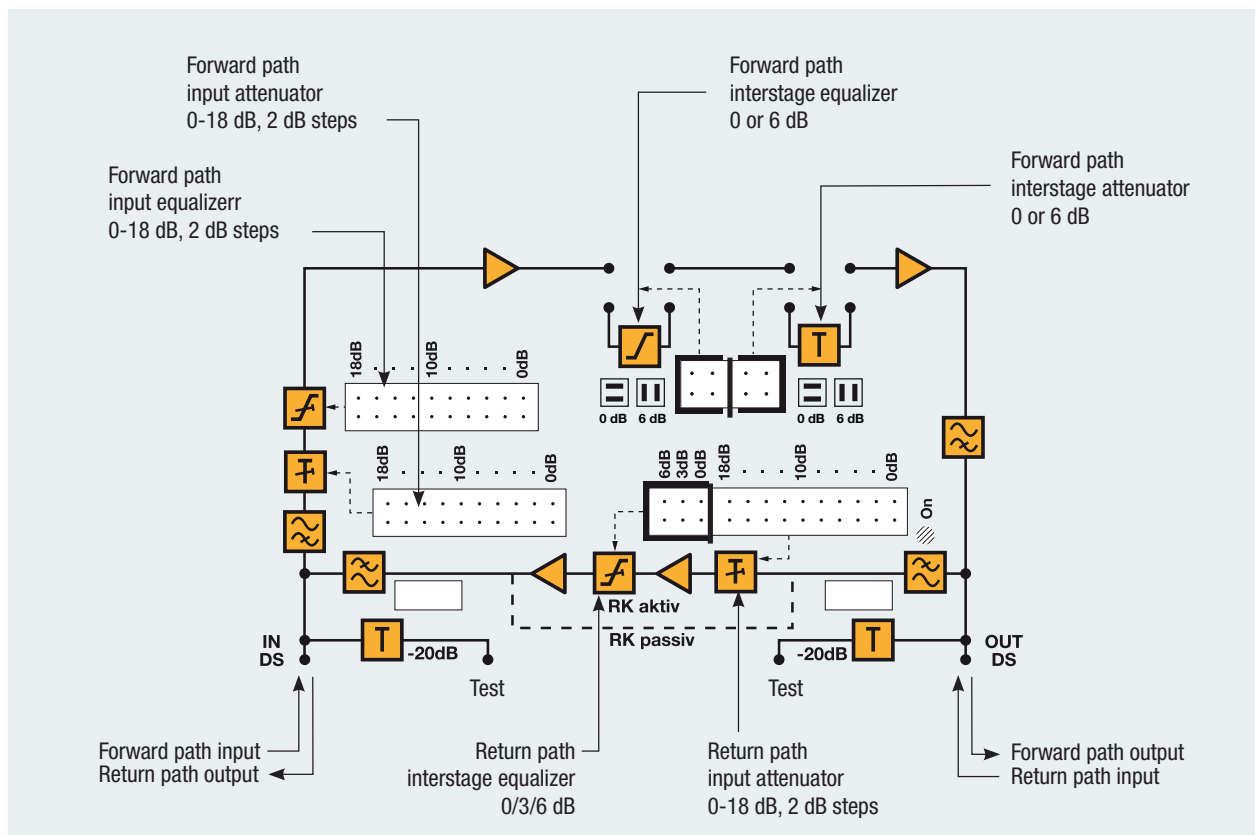
## INTUITIVE BLOCK DIAGRAM

ONCE OPENED (UNTIGHTENING THE SCREW LOCATED ON ITS FRONT), AN INTUITIVE BLOCK DIAGRAM EXPLAINS HOW THE AMPLIFIER WORKS TO ACHIEVE THE DESIRED OUTPUT LEVEL.

- \* Class 3 Modular Return Path
- Class 4 Fixed Return Path



## BLOCK DIAGRAM



CMP 6000209 F104/2011