

Product summary:

Multiband high gain terrestrial amplifier, inputs VHF+FM+2xUHF, integrated power supply

Brief description:

4in/1out terrestrial multiband amplifier, integrated power supply. Separate inputs for VHF, FM, 2x UHF subbands, one of UHF inputs provides DC power for antenna preamplifier.



Technical data:

Parameter	Condition	Value
Frequency range	FM	88-108 MHz
	VHF	47-68 MHz, 174-230 MHz
	UHF1, UHF2	470-862 MHz
Insertion gain	VHF (47-68 MHz)	25 dB
	VHF (174-230 MHz)	28 dB
	FM	27 dB
	UHF	33-38 dB
Maximum input level*	VHF	85 dB μ V (47-68 MHz) 82 dB μ V (174-230 MHz)**
	FM	83 dB μ V**
	UHF	77-72 dB μ V**
Maximum output level*		110 dB μ V
Power consumption	From internal power supply	3.5 W + consumption of antenna preamplifier
	Preamplifier current	150 mA max (12 V DC)
Dimensions (w,d,h)		22.5 x 11.4 x 5.3 cm
Temperature range		-25 ~ +60 °C
Weight		0.700 kg

*Terr.: EN 50083-3/60dB IMA3 [dB μ V]; SAT: EN 50083-3/35dB IMA3 [dB μ V]