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DTKom broadband multiband amplifier 3 inputs: FM-BIII-UHF - LTE700 Ready

High-power multiband amplifier with multiple controls on the front end, which design uses components that minimize the total noise figure. Equipped with 3 inputs (FM-BIII-UHF). Equipped with LTE700 Ready filtering. RED compliant

Ref.534020

Art.Nr

EAN13

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Highlights

- Separate amplification minimizes intermodulation between bands and provides high output levels
- Designed using Push-Pull technology, which guarantees levels in the 123 dBμV range for terrestrial signals.
- Includes a high-performance low-power consumption switch-mode power supply
- High-screening Zamak chassis The design facilitates appropriate cooling

Main features

- Switch for pre-amplifier or BOSS system powering
- Switched configurable gain (high/low), and high output level
- Intuitive front cover, including adjustments and block diagram
- Output signal LED indicator

Technical specifications

Bands			UHF	BIII	FM
Frequency margin		Mhz	470 ... 694	174 ... 370	88 ... 108
Gain	0	dB	42	42	25
	10		32	32	25
Gain margin				(Manual) 0 ... 20	(Manual) 0 ... 20
Max. output level	IMD3 (2 tones,-35 dB)	dBµV (dBmV)	125 (65)		
	DIN 45004B		123 (63)		
	IMD3 (2 tones,-60 dB)		120 (60)		
	IMD2 (2 tones,-60 dB)		-	122 (62)	-
Noise figure		dB	5	5	6
Test			-20		
Powering inputs		V=	12		
Max. current inputs		mA	50		
Mains voltage / frequency		V~ / Hz	120 ... 230 / 50-60		
Total AC consumption	OFF	W / mA	5,8 / 120		
	ON	W / mA	8,2 / 157		
Protection level		IP	20		
Operating temperature range		°C (°F)	-5 ... +45 (23 ... 113)		