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MiniKom F broadband multiband amplifier 4 inputs: FM-BIII-UHF-SAT

4-input multiband amplifier (FM-BIII-UHF-SAT) for SMATV systems. Separate amplification guarantees the absence of intermodulation among inputs and independent attenuators.

Ref.539620

Art.Nr

EAN13

8424450208427

Highlights

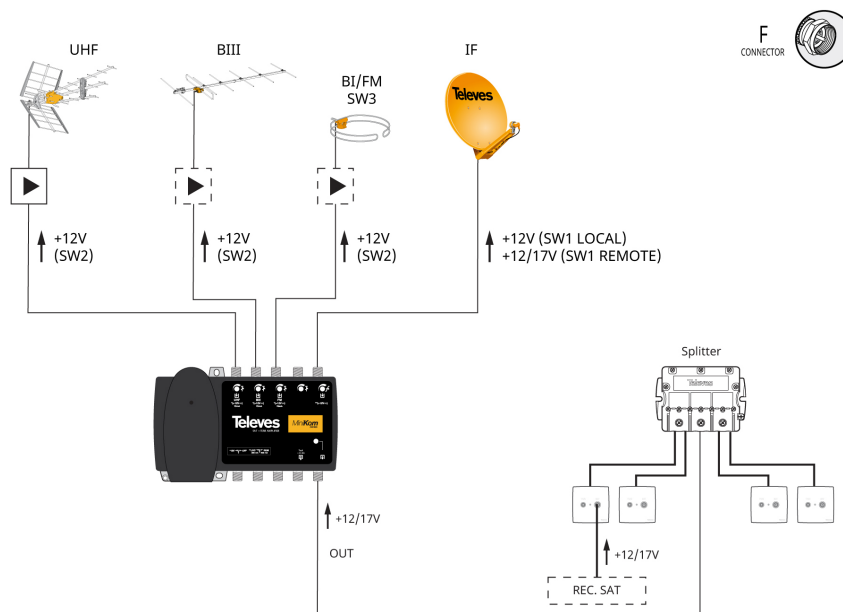
- Separate amplification enhance the output level without causing any interference among bands
- PIN-diode technology gain attenuators on each input (0 dB-20 dB)
- High output level
- High-screening Zamak chassis

Main features

- "F" connectors
- SAT equalizer
- Output signal LED indicator
- Power selection switch for LNB: local (low-V) or remote
- Switch for pre-amplifier or BOSS system powering
- Test output (-30 dB)
- Can be wall-mounted using screws

Application example

(Click to see the picture)



NOTE: To avoid damaging the amplifier, we strongly recommend switching OFF the amplifier until the installation process has been completed.

Technical specifications

Inputs			UHF	BIII	FM	IF
Frequency Margin		MHz	470-694	174-254	88-108	950-2150
Gain		dB	39 ± 3	35 ± 3	17 ± 2	35 ± 3 (950Mhz.) 41 ± 3 (2150Ghz.)
Input attenuation range		dB	0 - 20			
Equalisation range		dB	---			0-15
Input/Output return losses		dB	>10			>10
Noise figure		dB	7	< 6	< 9	10
Max. Output level	(DIN45004B) IMD3 (2ch -60dB)	dBμV.	117 114	> 113 > 113	> 113 > 110	---
	(EN50083) IMD3 (2ch -35dB)		---			124
Max. Input line power supply		Vdc	12			
		mA	70	70	70	300*
Total input DC		mA	300* (12Vdc)			
Power supply LNB (REMOTE)		mA	---			500
Power supply		V~	220 - 230			
Max. Current		mA~	100			
Consumption		W	8,2			
Operating temperature		°C	-5 to +45			
Protection Index			IP 20			

*LOCAL