



House amplifiers

Apartment splitband amplifiers

- splitband amplifier with separate gain adjustment in VHF and UHF ranges
- integrated LTE signal suppression filter (HS018L, HS018T)
- built-in power supply
- die-cast housing inside plastic case

HS016

amplifier with two outputs

HS018L, HS018T

amplifier with two outputs, integrated LTE signal suppression filter

HS018L - 88-230, 470-790 MHz

HS018T - 88-230, 470-694 MHz

HS017

amplifier with four outputs



CABRIOLINE



NEW

Technical specifications

T Y P E	HS016	HS017	HS018L	HS018T
Ordering number	02523	02524	02569	02569T
Frequency range	47-300, 470-862 MHz	47-300, 470-862 MHz	88-230, 470-790 MHz	88-230, 470-694 MHz
Outputs number	2	4	2	
Gain (fixed slope pre-correction)	20-22 dB, 20-22 dB	18-20 dB, 18-20 dB	26 dB	
Gain adjustment	VHF 0 ÷ -15 dB, UHF 0 ÷ -12 dB			
Maximal output level IMD3=60 dB (DIN45004B)	104 dB μ V	100 dB μ V	IMD3=60 dB (DIN45004B) 107 dB μ V, IMD3=60 dB 104 dB μ V	
Input and output return loss	> 10 dB			
Noise figure	VHF < 4.5 dB, UHF < 3 dB	VHF < 4.5 dB, UHF < 3 dB	VHF < 3 dB UHF < 3.5 dB (700 MHz)	VHF < 3 dB UHF < 3.5 dB (600 MHz)
Test point	-20 dB			
Outputs decoupling	> 16 dB	> 16 dB	> 18 dB	
Power consumption	230 V~ 50/60 Hz 3.5 W			
Operating temperature range	-20° ÷ +50° C			
Dimensions/Weight (packed)	133x63x39 mm/0.36 kg	133x73x39 mm/0.36 kg	133x63x39 mm/0.36 kg	

HS013

- splitband amplifier (1 input, 2 outputs) with switchable remote DC feeding through RF input
- separate gain adjustments in VHF and UHF bands
- protection and indication of DC feeding overload

MA051

- double band amplifier (2 inputs, 2 outputs) with switchable remote DC feeding through UHF input
- separate gain adjustments in VHF and UHF bands
- protection and indication of DC feeding overload



Technical specifications

T Y P E	HS013	MA051
Ordering number	01588	00551
Frequency range	47-400/470-862 MHz	(47-400 MHz) + (470-862 MHz)
Gain	22 dB*	
Gain adjustment	VHF 0 ÷ -15 dB, UHF 0 ÷ -12 dB	
Maximal output level IMD3=60 dB (DIN45004B)	105 dB μ V*	
Maximal output level IMD2=60 dB (EN50083-3)	95 dB μ V	
Noise figure	VHF < 4.5 dB, UHF < 3 dB	
DC feeding for external	12 V 0.1 A max.	
Power consumption**	230 V~ 50/60 Hz 4 W	
Dimensions/Weight (packed)	78x118x47 mm/0.36 kg	

* 1 output loaded; when 2 outputs loaded: gain - 20 dB, output level - 103 dB μ V

** without external DC loading