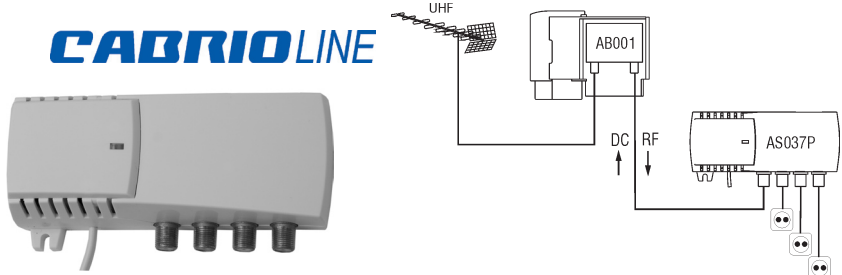




# Supplements for masthead products

## Apartment amplifiers

- built-in switchable gain regulator
- DC feeding for preamplifiers, with three outputs
- die-cast housing inside plastic case
- built-in power supply



Technical specifications

T Y P E	AS037P
Ordering number	02516
Frequency range	47-862 MHz
Outputs number	3
Gain	11 dB/47 MHz; 14 dB/862 MHz
Gain, switchable	0 ÷ -12 dB by 4 dB step
Maximal output level IMD3=60 dB (DIN45004B)	100 dB $\mu$ V*
Input and output return loss	> 10 dB
Noise figure	< 5 dB
DC feeding for external	5.5 V 60 mA max.
Power consumption**	230 V~ 50 Hz 3 W
Operating temperature range	-20° ÷ +50° C
Dimensions/Weight (packed)	133x63x39 mm/0.36 kg

\* when loaded output  
 \*\* with maximal external current loading

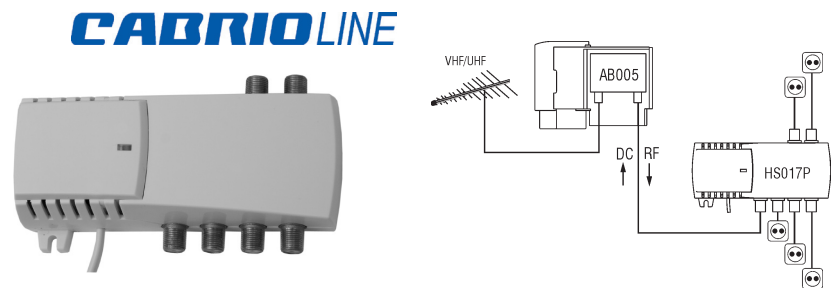
- splitband amplifiers with separate gain adjustment in VHF and UHF ranges and DC feeding for preamplifiers
- die-cast housing inside plastic case
- built-in power supply

**HS016P**  
 amplifier with two outputs

**HS017P**  
 amplifier with four outputs

**HS018P**  
 amplifier with two outputs;  
 with low VHF gain

**HS019P**  
 amplifier with four outputs;  
 with low VHF gain



Technical specifications

T Y P E	HS016P	HS017P	HS018P	HS019P
Ordering number	02552	02553	02554	02555
Frequency range	47-240, 470-862 MHz			
Outputs number	2	4	2	4
Gain (fixed slope pre-correction)	20-22 dB, 20-22 dB	18-20 dB, 18-20 dB	10-12 dB, 20-22 dB	8-10 dB, 18-20 dB
Gain adjustment	VHF 15 dB, UHF 12 dB			
Maximal output level IMD3=60 dB (DIN45004B)	104 dB $\mu$ V	100 dB $\mu$ V	104 dB $\mu$ V	100 dB $\mu$ V
Input and output return loss	> 10 dB			
Noise figure	VHF < 4.5 dB, UHF < 3 dB			
Test point	-20 dB			
Outputs decoupling	> 16 dB			
DC feeding for external	12 V 0.1 A max.			
Power consumption	230 V~ 50 Hz 3.5 W			
Operating temperature range	-20° ÷ +50° C			
Dimensions/Weight (packed)	133x73x 39 mm/0.26 kg			