

Masthead products

UHF band amplifiers

- single input preamplifiers with extremely low noise figure
- shielded metal case inside plastic housing
- for outdoor mounting
- DC feeding via output connector (AB012 powered via any output)

AB010

15 dB fixed gain UHF masthead amplifier

AB011

27 dB switchable gain UHF masthead amplifier

AB012

22 dB switchable gain UHF masthead amplifier and three RF isolated outputs



Technical specifications

T Y P E	AB010	AB011	AB012
Ordering number	02544	02545	02546
Frequency range	470-862 MHz		
Gain	15 dB	27 dB	22 dB
Number of inputs	1	1	1
Number of outputs	1	1	3
Noise figure	0.8 dB	≤ 1 dB	
Maximal output level IMD3=60 dB (DIN45004B)	98 dB μ V	108 dB μ V	103 dB μ V
Interstage gain control	-	14 dB, switchable	15 dB, switchable
Return loss	> 10 dB		
Current consumption	4.5 V ÷ 12 V 30 mA	4.5 V ÷ 12 V 60 mA	
Operating temperature range	-20° ÷ +50 °C		
Dimensions/Weight (packed)	89x107x43 mm/0.18 kg		