



# 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		3
Noise figure	0.8 dB	≤ 1 dB	
Maximal output level IMD3=60 dB (DIN45004B)	98 dB $\mu$ V	108 dB $\mu$ V	103 dB $\mu$ V
Interstage gain control	-	14 dB, switchable	
Return loss	> 10 dB		
Current consumption	4.5 V $\div$ 12 V 30 mA	4.5 V $\div$ 12 V 60 mA	
Operating temperature range	-20° $\div$ +50 °C		
Dimensions/Weight (packed)	89x107x43 mm/0.18 kg		