

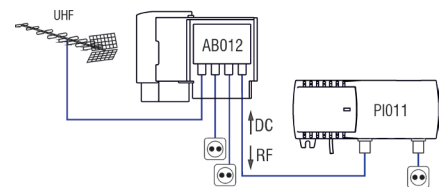


Masthead products

UHF band amplifiers

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

- 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 dBμV	108 dBμV	103 dBμV
Interstage gain control	-	13 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		

- single input preamplifiers with extremely low noise figure
- integrated LTE signal suppression filter
- for outdoor mounting
- DC feeding via output connector
- shielded metal case inside plastic housing

- AB010L**
14 dB fixed gain UHF masthead amplifier
- AB011L**
26 dB switchable gain UHF masthead amplifier



NEW



Technical specifications

T Y P E	AB010L	AB011L
Ordering number	02544L	02545L
Frequency range	470-790 MHz	
Gain	14 dB	26 dB
Noise figure at 700 MHz	≤ 1 dB	
Maximal output level	IMD3=60 dB (DIN45004B) 98 dBμV, IMD3=60 dB 95 dBμV	IMD3=60 dB (DIN45004B) 108 dBμV, IMD3=60 dB 105 dBμV
Interstage gain control	-	13 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	