

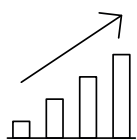


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Multiband mast amplifiers

Adapted to the first and second digital dividend



Very high UHF gain



Very low operative noise figure



Interstage variable attenuator

SBA

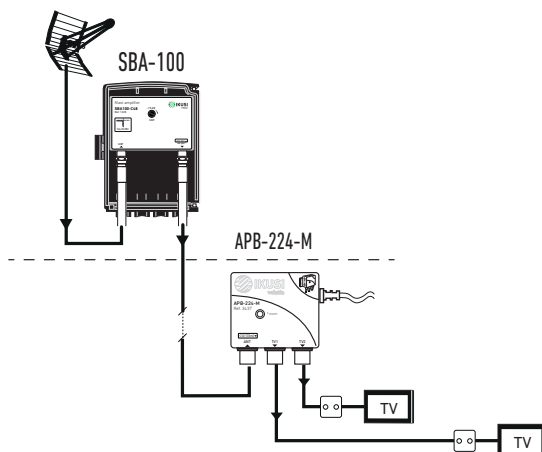
Main features

- Adapted to the first and second digital dividend
- Very high UHF gain.
- Interstage variable attenuators.
- Optimum design for very low operative noise figure.
- Internal injection-moulded zinc alloy housing with F type ports.

MODEL	REF.	SBA100 series	
SBA-100-C69	1225	Frequency range MHz	470 - 862
SBA-100-C60	1227		470 - 790 (1 st dividend)
SBA-100-C48	1228		470 - 694 (2 nd dividend)
RF inputs			1
			UHF
Nominal gain	dB	> 40	
Gain adjustment	dB	0 - 15	
Noise figure	dB	≤ 2	
Output level (DIN-B, -60dB)	dBμV	106	
Operating voltage	Voc	+24	
Consumption	mA	55	
Protection level	IP	IP54	
Dimensions	mm	96 x 125 x 46	

MODEL	REF.	SBA102 Series		
SBA-102-C69	1300	Frequency range MHz	470 - 862	47 - 240
SBA-102-C60	1301		470 - 790 (1 st dividend)	
SBA-102-C48	1302		470 - 694 (2 nd dividend)	
RF inputs			2	
			UHF	BI/FM/DAB/BIII
Nominal gain	dB	25	-1	
Gain adjustment	dB	0 - 15	-	
Noise figure	dB	≤ 2	1	
Output level (DIN-B, -60dB)	dBμV	106		
Input isolation	dB	≥ 26		
Operating voltage	Voc	+24		
Consumption	mA	45		
Protection level	IP	IP54		
Dimensions	mm	96 x 125 x 46		

Application example



MODEL	REF.	SBA101 Series	
SBA-101-C69	1294	Frequency range MHz	470 - 862
SBA-101-C60	1295		470 - 790 (1 st dividend)
SBA-101-C48	1296		470 - 694 (2 nd dividend)
RF inputs			2
			UHF UHF
Nominal gain	dB	> 36	
Gain adjustment	dB	0 - 15	
Noise figure	dB	< 5	
Output level (DIN-B, -60dB)	dBμV	105	
Input isolation	dB	≥ 26	
Operating voltage	Voc	+24	
Consumption	mA	55	
Protection level	IP	IP54	
Dimensions	mm	96 x 125 x 46	

MODEL	REF.	SBA190 Series		
SBA-190-C69	1306	Frequency range MHz	470 - 862	950 - 2400
SBA-190-C60	1307		470 - 790 (1 st dividend)	
SBA-190-C48	1308		470 - 694 (2 nd dividend)	
RF inputs			2	
			UHF	SAT
Nominal gain	dB	35	-2	
Gain adjustment	dB	0 - 15	-	
Noise figure	dB	≤ 2		
Output level (DIN-B, -60dB)	dBμV	105	-	
Input isolation	dB	≥ 26		
Operating voltage	Voc	+12 / +24 In the case of not using the SAT input, it can be supplied with +24 Vdc		
Consumption	mA	40		
Protection level	IP	IP54		
Dimensions	mm	96 x 125 x 46		

