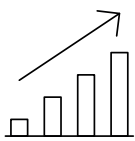




Multiband mast amplifiers

Adapted to the first and second digital dividend



Very high UHF gain



Very low operative noise figure



Interstage variable attenuator

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	

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	

Application example

