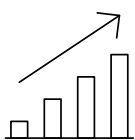


Multiband mast amplifiers

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	SBA-100-C48	
REF.	1228	
Inputs	1	
	UHF	
Frequency range	MHz	470 - 694
Nominal gain	dB	> 40
Gain adjustment	dB	0 - 15
Noise figure	dB	≤ 2
Output level (DIN-B, -60dB)	dBμV	106
Operation voltage	V _{DC}	+24
Consumption	mA	55
Protection level	IP	IP54
Dimensions	mm	96 x 125 x 46

MODEL	SBA-101-C48		
REF.	1296		
Inputs	2		
	UHF	UHF	
Frequency range	MHz	470 - 694	
Nominal gain	dB	>36	
Gain adjustment	dB	0 - 15	
Noise figure	dB	< 5	
Output level (DIN-B, -60dB)	dBμV	105	
Input isolation	dB	≥26	
Operation voltage	V _{DC}	+24	
Consumption	mA	55	
Protection level	IP	IP54	
Dimensions	mm	96 x 125 x 46	

MODEL	SBA-102-C48		
REF.	1302		
Inputs	2		
	UHF	BI/FM/DAB/BIII	
Frequency range	MHz	470 - 694	47 - 230
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	
Operation voltage	V _{DC}	+24	
Consumption	mA	45	
Protection level	IP	IP54	
Dimensions	mm	96 x 125 x 46	

MODEL	SBA-190-C48		
REF.	1308		
Inputs	2		
	UHF	SAT	
Frequency range	MHz	470 - 694	950 - 2150
Nominal gain	dB	35	-2
Gain adjustment	dB	0 - 15	-
Noise figure	dB	≤ 2	
Output level (DIN-B, -60dB)	dBμV	105	-
Input isolation		≥26	
Operation voltage	V _{DC}	+12 to +24 * In case the SAT input is not used, it can be supplied with +24 VDC	
Consumption	mA	40	
Protection level	IP	IP54	
Dimensions	mm	96 x 125 x 46	

Application example

