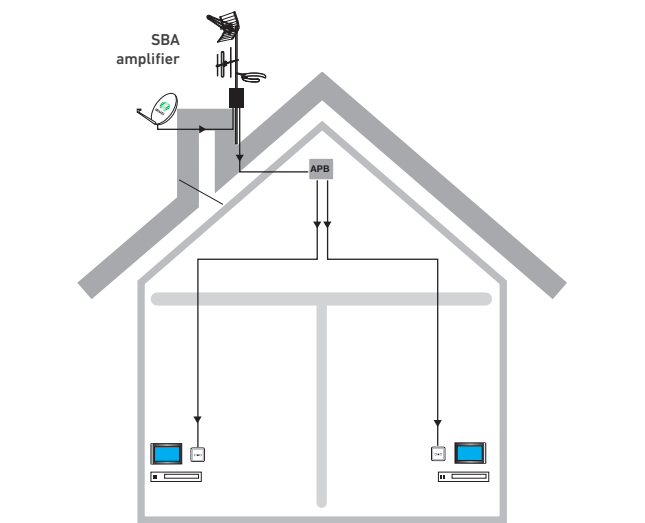


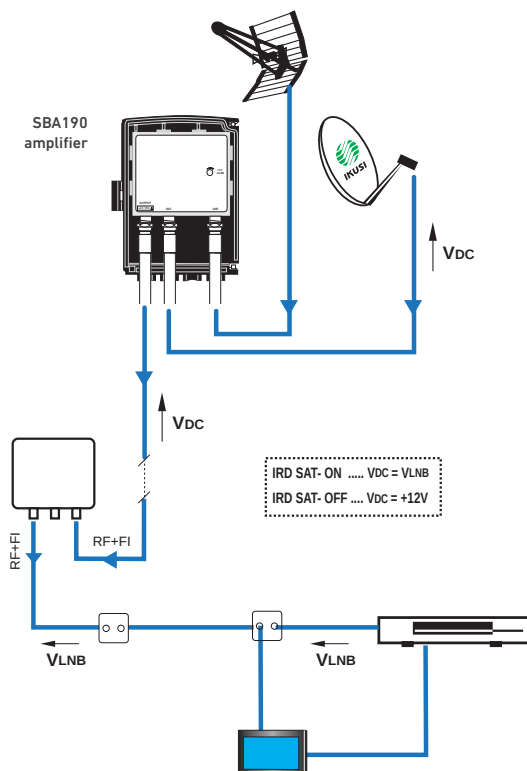


Solution for amplifying the TV signal, providing protection against LTE interferences.

Application example



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Shielded multiband amplifiers. SBA Series

NEW PRODUCT

1st & 2nd
Dividend



MODELS	INPUTS
SBA100 Series	1 UHF
SBA101 Series	2 UHF - UHF
SBA102 Series	2 UHF - BI/DAB/BIII
SBA190 Series	2 UHF - SAT



- 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.

1 UHF input

MODEL	REF.	SBA100 series	
SBA100-C69	1225	Frequency range MHz	470 - 862
SBA100-C60	1227		470 - 790 (1 st dividend)
SBA100-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 (OIM-3, -60dB)	dBμV	106	
Operation voltage	V _{OC}	+24	
Consumption	mA	50	
Dimensions	mm	96 x 125 x 46	

2 UHF - UHF inputs

MODEL	REF.	SBA101 Series	
SBA101-C69	1294	Frequency range MHz	470 - 862
SBA101-C60	1295		470 - 790 (1 st dividend)
SBA101-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 (DIM-9, -60dB)		dBμV	105
Input isolation		dB	≥26
Operation voltage		Voc	+24
Consumption		mA	60
Dimensions		mm	96 x 125 x 46

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2 UHF-BI/BIII/DAB inputs

MODEL	REF.	SBA102 Series		
SBA102-C69	1300	Frequency range MHz	470 - 862	47 - 108 174 - 240
SBA102-C60	1301		470 - 790 (1 st dividend)	
SBA102-C48	1302		470 - 694 (2 nd dividend)	
RF inputs		2		
		UHF	BI/DAB/BIII	
Nominal gain	dB	25	-1	
Gain adjustment	dB	0 - 15		
Noise figure	dB	≤ 2	1	
Output level (OIM-B, -60dB)	dBμV	106		
Input isolation	dB	≥26		
Operation voltage	Voc	+24		
Consumption	mA	40		
Dimensions	mm	96 x 125 x 46		

2 UHF-SAT inputs

MODEL	REF.	SBA190 Series		
SBA190-C69	1306	Frequency range MHz	470 - 862	950 - 2150
SBA190-C60	1307		470 - 790 (1 st dividend)	
SBA190-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	2	
Output level (OIM-R, -60dB)	dBμV	105		
Input isolation		≥26		
Operation voltage	Voc	+12 / +24 In the case of not using the SAT input, it can be supplied with +24 VDC		
Consumption	mA	40		
Dimensions	mm	96 x 125 x 46		