



+Select SZB+550
by IKUSI

Configurable modular UHF amplifier

NEW DIGITAL TECHNOLOGY!



High selectivity



Channels configurable by installer



Automatic Gain Control



LTE 5G

SZB+550

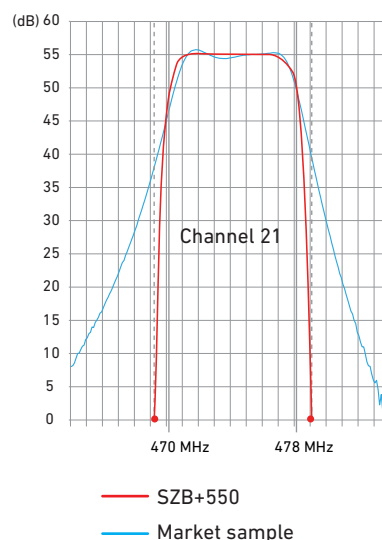
Main Features:

- Simple manual configuration by installer
- A single stock reference throughout the UHF band (C21... 48)
- Compatible with existing headends, same format, same power
- Automatic gain / stability control over output signal
- Filter adjustable from one to four channels
- Greater input dynamic range (allows operation with weaker signals)
- Low-level noise figure
- Tool-free assembly on bases-wall attachment supports

Fast and simple channel configuration



Comparison of selectivity between Ikusi SZB+550 amplifier and others on the market



Technical features

Model	SZB+550				
Ref.	2260				
TV system	AM-TV / DVB-T				
Connection	F connector				
Band covered	MHz	470 - 694			
Filter number		1	2	3	4
Bandwidth of each filter	MHz	8			
Input level	dB μ V	40 - 90			
Automatic Gain Control		Yes			
Output regulation	dB	30			
Typical output level (IMD3 -35 dB) *	dB μ V	121			
End-of-channel selectivity \pm 1 MHz	dB	55			
Z output return loss	dB	> 10			
Z output step los	dB	0.5			
Power supply	VDC	+24			
Typical consumption	mA	250			
Operating temperature	$^{\circ}$ C	0 ... + 45			

* EN 50083-3

Power supply

MODEL	SZB-214	
REF.	2250	
Mains voltage	VAC	100 - 240 (50/60 Hz)
	W	120
Output voltage	VDC	+24
Max. output current	A	4,5
Operating temperature	$^{\circ}$ C	-10 ... +55
Protection level	IP	IP20

Accessories

MODEL	REF.	DESCRIPTION
BAS-919	2225	Base plate with power connecting bar. Capacity 1 power supply + 8 RF modules SZB ; or 9 RF modules
BAS-915	2220	Base plate with power connecting bar. Capacity 5 modules
BAS-913	2222	Base plate with power connecting bar. Capacity 3 modules
COF-809	2224	Housing for 1 BAS-919. Dimensions 420 x 346 x 180 mm
PZB-453	2247	Z plug bridge, F connectors. Length 45,3 mm
PZL-017	2272	Bridge to connect new and existing headers. Length 200 mm
CTF-075	2221	Charge 75 Ω