

Multichannel UHF Amplifiers

SZB182

REF. 2242

SZB184

REF. 2240

SZB185

REF. 2241

Data Sheet



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- Assemble onto the wall mounting base plates, without the need of any tools.
 - Especially created for amplification of combined analog and digital channels.
 - Z input de-multiplexing and Z output multiplexing.
 - Adjacent channel operation allowed in UHF band.
 - Z input demultiplexing.
 - Within a headend, each converter module must be complemented with an amplifier module.
 - It is advisable to place the amplifiers on the base-plate following an increasing order of number of channel (frequency).
 - The RF output of the headend will be taken from the last one of the modules ordered in this way.

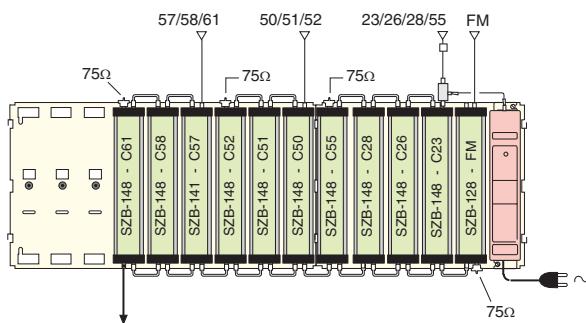
	SZB-182	SZB-184	SZB-185
Bandwidth	2 channels UHF (analog. and digital)	4 channels UHF (analog. and digital)	Channels 65 to 69 (65: analog. or dig. 66-69: dig.)
Gain ¹	dB	59	60
Noise figure	dB	5	
	(2x) 111 (2 analog.)	(2x) 115 (4 digitales)	(2x) 120 (C65 analog)
Output level	dB μ V	(2x) 118 (2 digital) (2x) 123/113 (1 analog./1 digital)	(2x) 121/111 (2 analog./3 digitales) (2x) 111/101 (1 analog./2 digitales)
Z output return loss	dB	≥ 6	
Consumption	mA	100	

Each amplifier is packed with 1 Z bridge Ref. 2247.

Particular ordering instruction: specify the which channels.

¹ Adjustable -20 dB. Interstage attenuator in all models —maintenance of low noise figure—.

Max output levels when input level of digital signals is 10 dB lower than that of analog signals.



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