

Multichannel UHF Amplifiers

SZB182

REF. 2242

SZB184

REF. 2240

SZB185

REF. 2241



- 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	
Output level	dBμV	(2x) 111 (2 analog.)	(2x) 115 (4 digitales)	(2x) 120 (C65 analog)
		(2x) 118 (2 digital)	(2x) 121/111 (2 analog./3 digitales)	(2x) 110 ² (C 66-69 digital)
		(2x) 123/113 (1 analog./1 digital)	(2x) 111/101 (1 analog./2 digitales)	(2x) 114 (C 65-69)
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—.
² Max output levels when input level of digital signals is 10 dB lower than that of analog signals.

