

APPLICATION

IF-SAT Amplifier / Combiner

- Primarily intended for use in SZB terrestrial single-channel processing headends. Installed as an additional module.
- One 950–2150 MHz satellite input with adjustable gain and pre-emphasis response to compensate for cable losses; one 5–862 MHz terrestrial coupling input; one combined satellite + terrestrial output.
- Automatic power connection via contact terminal.
- LNB remote powering. Generation of voltage/tone signals for polarity (H/V) and frequency band (High/Low) selection.



MODEL		SZB-190
Reference		1346
IF-SAT band	MHz	950 - 2150
Gain (fixed 7 dB slope)	dB	33 (950 MHz) 40 (2150 MHz)
Gain adjustment	dB	18
Output level (IMD -35 dB, EN 50083-3)	dBμV	120
Noise figure (maximum gain)	dB	< 8
Terrestrial band	MHz	5 - 862
Terrestrial coupling loss	dB	< 1
Supply voltage	V _{DC}	+ 24
Current consumption	mA	120
Voltage/Tone injected at IF satellite input		+13 / +18 V _{DC} 0 / 22 kHz
Maximum LNB remote supply current	mA	350 (a +18 V _{DC}) / 250 (a +13 V _{DC})

APPLICATION

Power Supply

- Class II electrical safety protection.
- Mains cable with two-pin plug.
- The output voltage is also available on two external terminals for connection to one or two power injectors (masthead preamplifier remote powering).

MODEL	REF.	DESCRIPTION
BAS-913	2222	Mounting base with power distribution bus. Capacity: 3 modules
BAS-915	2220	Mounting base with power distribution bus. Capacity: 5 modules
PZB-453	2247	Z bridge with F connectors. Length: 45.3 mm
CTF-075	2221	75 Ω termination load