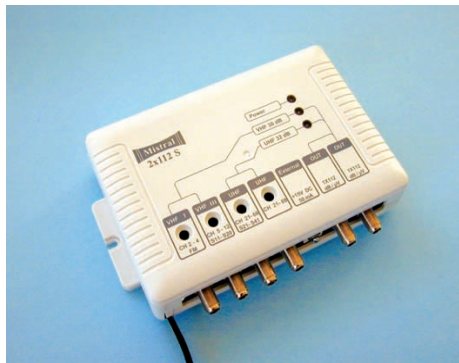


# Head amplifiers

## Multi band head antenna amplifiers

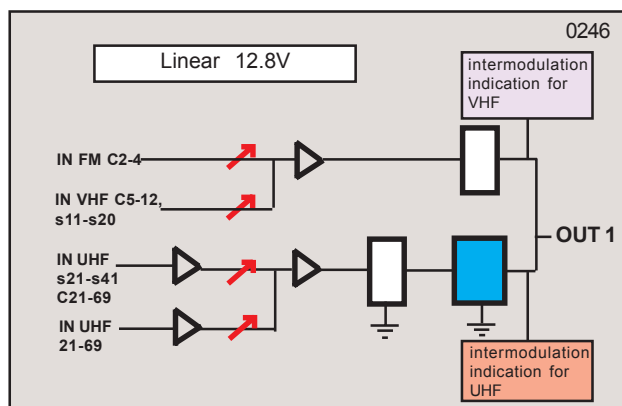
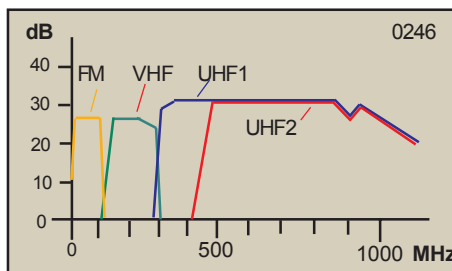
2x112



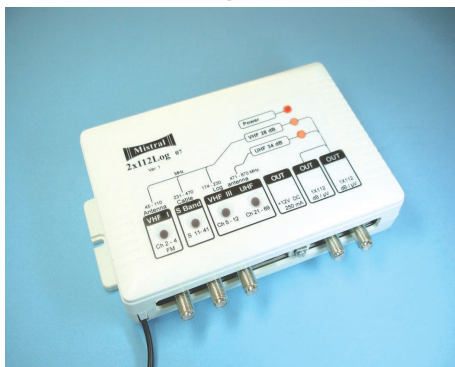
### 2x112

code 0246

<b>Application</b>	:	<b>Separate head antenna amplifier for VHF and UHF for low intermodulations</b>
1 input	:	FM Ch2-4,
2 input	:	VHF 5-12 S11-S20,
3 input ( wide )	:	UHF S21-41 21-69,
4 input ( narrow )	:	UHF 21-69
Amplification	:	VHF amplifier 8- 28 dB, UHF amplifier 12 - 34dB
Output level	:	2x112 dB/μV in two outputs
Input voltage	:	Linear power supply 210VAC -250VAC / 12.8VDC
Channel reject filter	:	-10 dB at 935 MHz
Led Indications	:	High intermodulation VHF, High intermodulation UHF



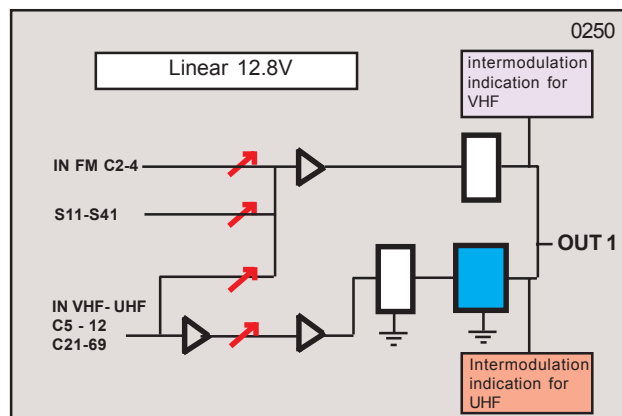
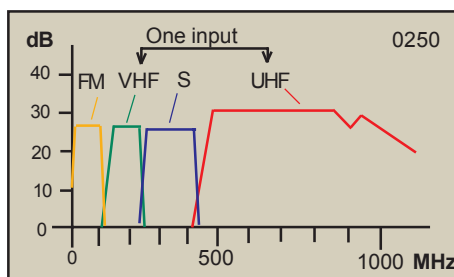
2X112 Log



### 2x112 Log

code 0250

<b>Application</b>	:	<b>Separate head antenna amplifier for VHF and UHF for low intermodulations special for VHF-UHF Log periodic antennas</b>
1 input	:	FM Ch2-4,
2 input	:	S11 - S 41
3 input	:	VHF Ch 5-12 + Ch21-69,
Amplification	:	VHF amplifier 8- 28 dB, UHF amplifier 12 - 34dB
Output level	:	2x112 dB/μV in two outputs
Input voltage	:	Linear power supply 210VAC -250VAC / 12.8VDC
Channel reject filter	:	-10 dB at 935 MHz
Led Indications	:	High intermodulation VHF, High intermodulation UHF



## Multi band head antenna amplifiers

Application of installing the central antenna amplifier 2x112, with TV - FM antennas and modulator for a satellite or digital channels and signal output in 5 - 10 sockets

### Installation

Depending on the reception signal level in the specific area, specific accessories might be needed. Refer to the following table:

Reception signal level	Amplifier accessories needed
Low 30-50 dB/μV	Line preamplifier 32 dB
Average 50-70 dB/μV	Line preamplifier 22 dB
Good 70-80 dB/μV	Nothing needed
Excellent 80-90 dB/μV	Attenuators on the inputs 0 - 20 dB.



FM Antenna



VHF Antenna



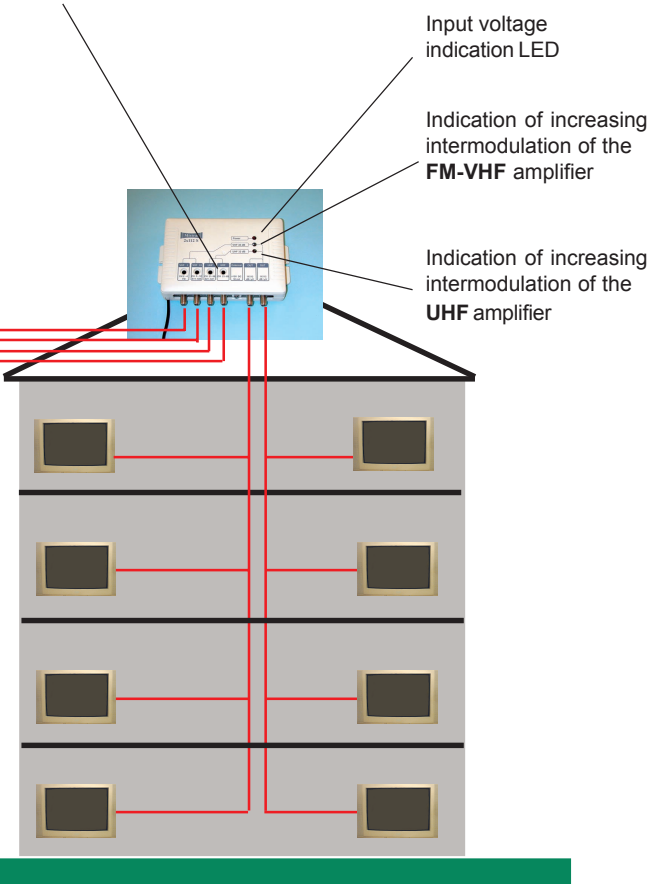
Satellite dish with receiver and S21 - S40 channel modulator



UHF Antenna

Install the amplifier in secure and well ventilated area

Adjust the amplifier by turning clockwise the adjustment knobs for the best possible amplification, without having intermodulation (interaction between the channels due to overdrive).



Install  
multichannel  
UHF antennas

2x112

For the best possible amplification - without having intermodulation (interaction between channels due to overdrive), adjust the amplifier by turning the adjustment knobs clockwise.