

## Technical specifications

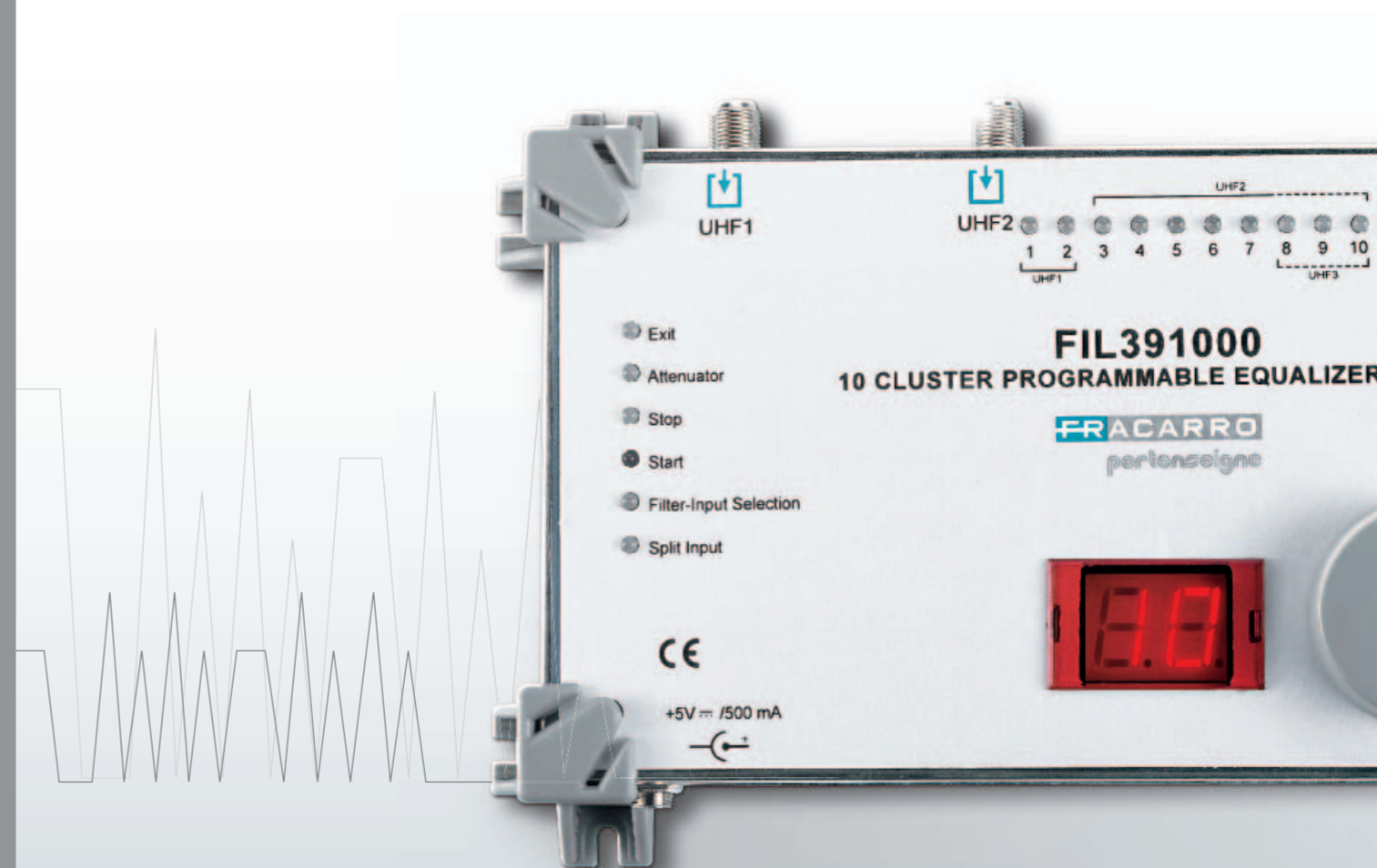
## FILTERS

## Programmable equalizer filters

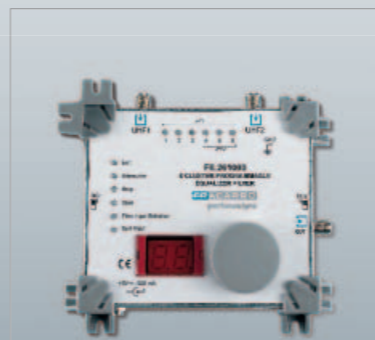
## FILTERS

Item code	FIL261000	FIL262000	FIL391000
No. of inputs	2	2	3
No. of outputs	1	2	1
No. of clusters	6	6	10
Antenna input	UHF1-UHF2	UHF1-UH2	UHF1-UH2-UH3
Channels	21-69	21-69	21-69
Bandwidth	470-862MHz	470-862MHz	470-862MHz
Cluster bandwidth	8-56MHz from 1 to 7 channels	8-56MHz from 1 to 7 channels	8-56MHz from 1 to 7 channels
Cluster configuration	6 (UHF1) - 0 (UHF2) 5 (UHF1) - 1 (UHF2) 3 (UHF1) - 3 (UHF2)	3 (UHF1) - 3 (UH2)	2 (UHF1) - 8 (UH2) - 0 (UH3) 2 (UHF1) - 7 (UH2) - 1 (UH3) 2 (UHF1) - 5 (UH2) - 3 (UH3)
Gain	5dB	5dB	5dB
Attenuator	30dB (step 1dB)	30dB (step 1dB)	30dB (step 1dB)
Max. input level	95dBμV	95dBμV	95dBμV
Max. output level (IM3/ -54dB)	75dBμV	75dBμV	75dBμV
Selectivity	10dB/10MHz	10dB/10MHz	10dB/10MHz
IN/OUT return loss	>10dB	>10dB	>10dB
OUT/IN DC pass	programmable	programmable	programmable
Power supply	230-240V~ / 5VDC / Ø2.1mm DC jack	230-240V~ / 5VDC / Ø2.1mm DC jack	230-240V~ / 5VDC / Ø2.1mm DC jack
Consumption	300mA	300mA	500mA
Operating temperature	-5 to +50°C	-5 to +50°C	-5 to +50°C
Dimensions (lxhxd)	157x142x65mm	157x142x65mm	222x142x65mm

Equalizing with flexibility



FIL261000



FIL262000



FIL391000



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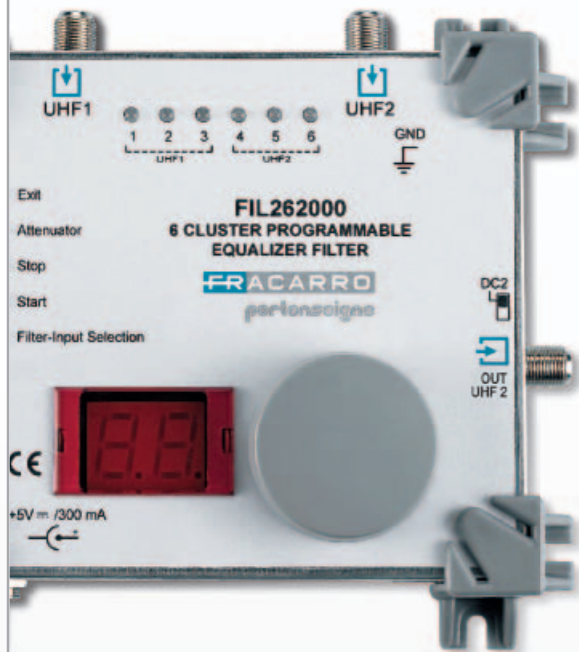
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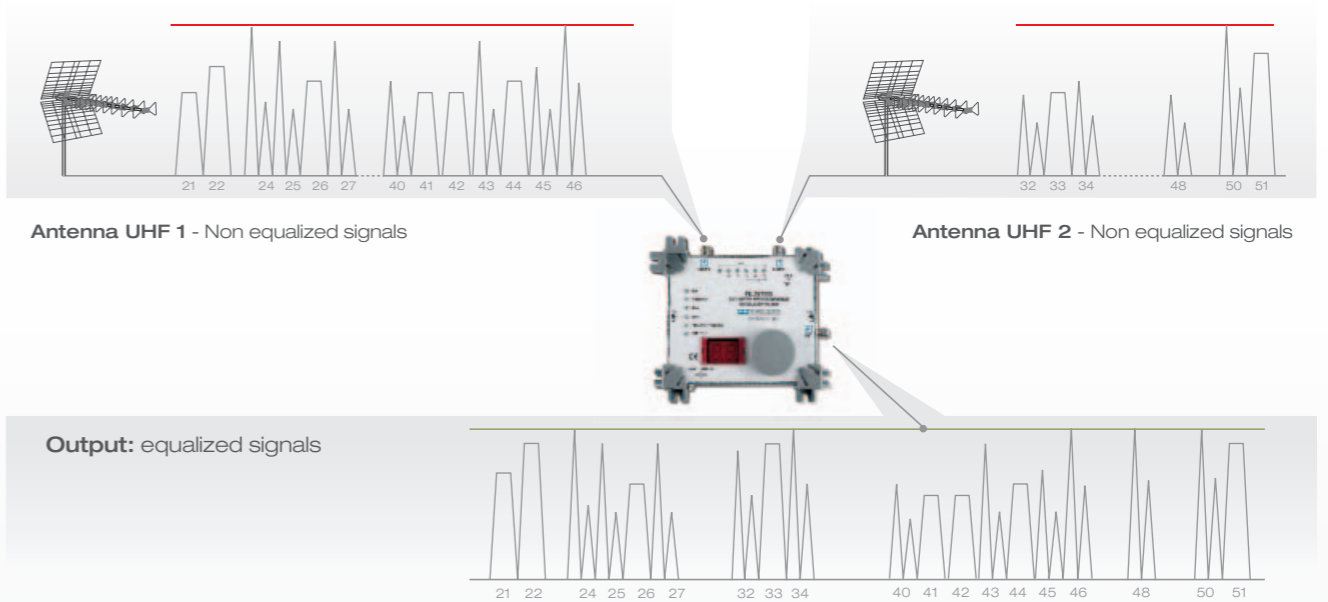


The new programmable equalizer filters **FIL261000**, **FIL262000** and **FIL391000** can be used to equalize the signal from two or three UHF antennas before amplification or distribution. Clusters can be programmed at any UHF frequency and each cluster can filter from one to seven adjacent channels.

### Key points

- Fully agile, one unit can be used for any configuration
- Active mixing, no insertion loss
- Programming unit included

### Operating principle



**FIL261000**

Programmable 6 cluster equalizer filter for the UHF band. 6 clusters in the UHF band can be split over two different UHF inputs using 3 different modes.



**FIL262000**

Programmable 6 cluster equalizer filter for the UHF band. Two UHF inputs with 3 clusters for each input and 2 outputs.



**FIL391000**

Programmable 10 cluster equalizer filter for the UHF band. 10 clusters in the UHF band that can be split over 3 different UHF inputs using 3 different modes.

### Installation example

#### FIL261000

Used to filter and equalize the signals from two UHF antennas. The filtered channels are mixed via one common output and then amplified using a multiband amplifier.

