



IFmix series mast amplifier (4 outputs) 2 inputs: UHF/VHFmix-SATmix

Masthead amplifier for the amplification and combination of terrestrial and satellite television signals coming from several antennas. Equipped with 2 inputs with UHF-band amplification, together with VHF and SAT combination. The resulting signal is available on 4 identical outputs for further distribution. Allows DC pass towards the satellite input to power the LNB.

The amplifier is powered with in the 12 Vdc-to-24 Vdc range through one of the output coaxial cables.

Ref.	5354
EAN13	8424450053546

Other features

Colour	Orange
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Packaging info

Box	1 pcs.
Carton	5 pcs.
Bucket	60 pcs.

Physical data

Net weight	362.00 g
Gross volume	0.92 dm ³
Gross weight	362.00 g
Width	126.00 mm
Height	136.00 mm
Depth	40.00 mm
Main product weight	362.00 g

Highlights

- Up to 4 outputs
- EasyF connection system
- Fully automated manufacturing, subject to the most stringent quality controls
- DC pass towards the UHF input to power a BOSS system, and towards the SAT input to power the LNB
- Easy mounting. Equipped with a plastic tie for mast mounting
- Resistant ABS-plastic case for outdoor installation

Discover

EasyF connection system: simplicity and savings

EasyF is an innovative connection concept where the inner conductor of the coaxial cable is directly inserted in the device, thus improving connection reliability. Thanks to the absence of F connectors, the chassis can be reduced and the connection of two cables secured with a single screw.

- Real time savings: speeding the installation is possible without the need for coaxial cable termination. Furthermore, there is no need for screwing the connectors on the device, which is sometimes difficult when there is little room
- Connection reliability: the clamp holding the cables prevents the coaxial cable to come off
- Cost savings: no additional connectors are required (neither F nor IEC)
- Space optimization: inputs and outputs are always on the same side of the device to prevent coaxial cables from bending, and to make working inside cabinets and register boxes easier
- Very easy three-step mounting: only screwing and unscrewing the covers is required to connect both cables:

1. Unscrew the device's cover to access the connection
2. Insert the previously stripped coaxial cables
3. Close the cover and screw to ensure connection

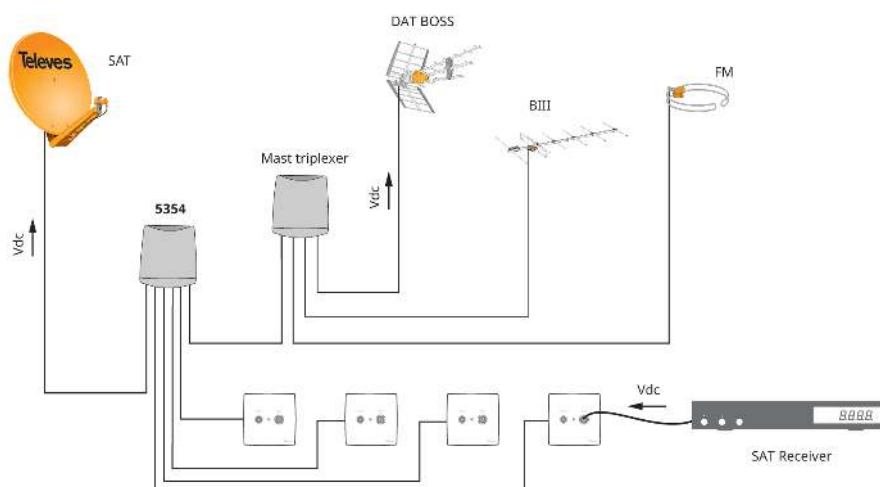
Learn more about EasyF system reliability

With EasyF, the connection between the coaxial cable and the device is carried out using an automated system for contact insertion of the inner conductor, without any soldering.

- Always as new: the device's operating life increases when the factor of solder wearing out with time is removed
- Failure rate reduction: usually produced as a result of cold soldering joints
- Electromagnetic behaviour optimization: for high frequencies

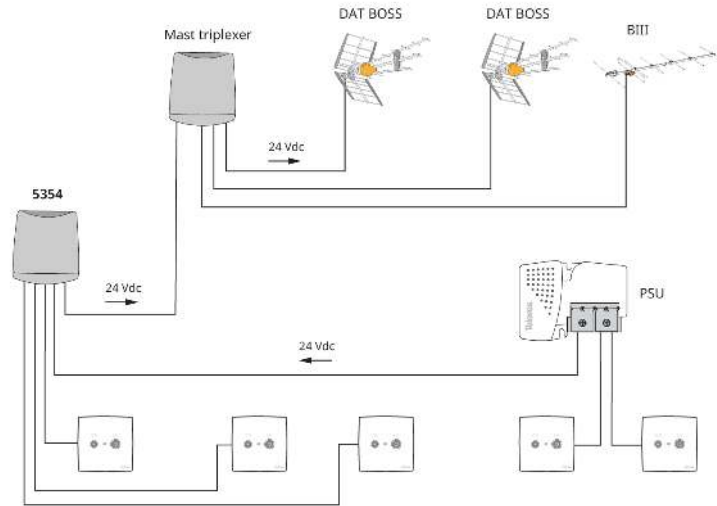
Application example

With SAT mix



NOTE: To see terrestrial channels it is necessary to leave the set top box in "ON".

Without SAT mixture



Technical specifications : Ref. 5354

Bands		VHF	UHF	SAT
Frequency range	MHz	47 ... 254	470 ... 862	950 ... 2200
Gain	dB	-9	20	-12
Gain adjustment range	dB	--	0 ... 15	--
Output level DIN45004B	dBmV	--	33	--
Noise figure	dB	--	2.5	--
Number of inputs			3	
Inputs/Bands		VHF	UHF	SAT
Max current input	mA	0	40	--
Max current for LNB	mA	--	--	350
Powering	Vdc		12 ... 24	
Current consumption	mA		40	
Protection index (IP)			23	
Operating temperature	°F		23 ... 113	