



## Adjustable gain multiswitch

4 TV-SAT tap outputs

**art. 15-450R**  
**MWR54-0**



Ideal for the distribution of TV-SAT signals.

Realized with adjustable tap gain to ensure the equable level of SAT signals at the sockets.

Three gain steps available: -10 dB, -5 dB and 0 dB.

The desired gain is selectable by acting on three step switch.

The terrestrial signal is in passive mixing to avoid any intermodulation problems.

The supply of the multiswitch and the LNB is provided by the SAT receiver, which also provides the control voltages for commutation.

The remote power supply from the multiswitch to the LNB is enabled on the V/L connector.

If more users aren't able to provide the correct power supply, it is recommended to use in the SAT system the inserting device (art. 15-503) with the power supply unit ALIM/M5-SAT (art. 15-501) and to connect it on V/L polarization.

Tap outputs with F quick coupling connectors.

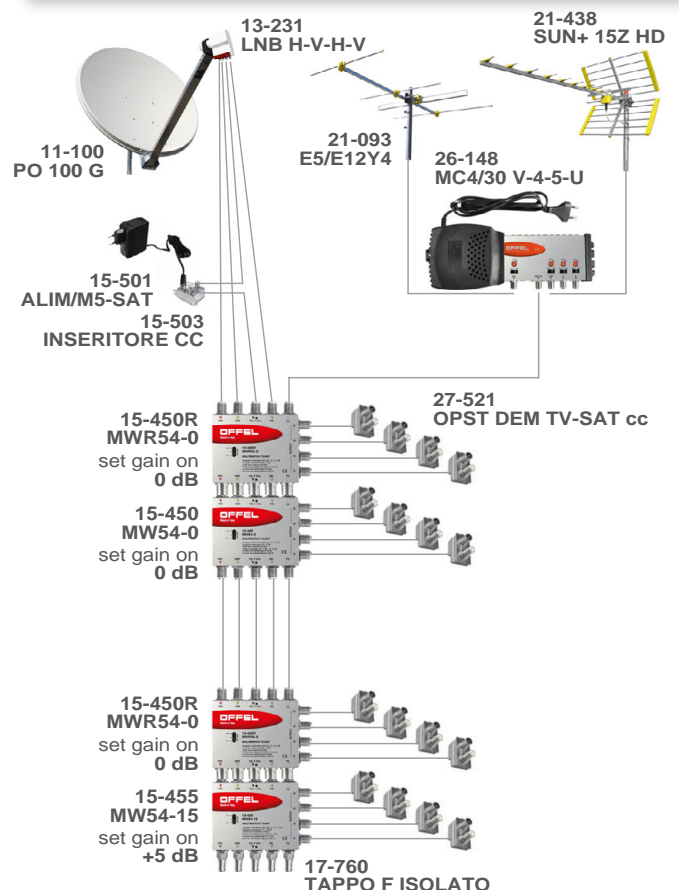
### Characteristics

- Three possible gain settings selectable by switch with three positions
- Noise figure stable over the whole range of gain
- High isolation between inputs
- Equipped with F quick coupling connectors
- Compatible with all OFFEL multiswitches

Code	15-450R	
Item	MWR54-0	
No. of SAT inputs	4	
No. of TV inputs	1	
No. of SAT outputs	4	
No. of TV outputs	1	
No. of TV-SAT tap outputs	4	
SAT tap gain	dB	-10, -5, 0
TV tap gain	dB	-21
SAT Loophrough Loss	dB	1,5 Typ. 2 Max
TV Loophrough Loss	dB	1,75 Typ. 2,5 Max
SAT Return Loss	dB	>10
TV Return Loss	dB	>10
Max absorbed current @ 13V	mA	55
Max remote supply current	mA	300
SAT frequencies	MHz	950÷2150
TV frequencies	MHz	47÷790
Max SAT input level	dBµV	95
Min SAT input level	dBµV	45
Inputs isolation	dB	>30
Outputs isolation	dB	>30
Outputs F connectors	quick coupling	
Dimensions (LxWxH)	mm	90x27x90
Packaging dimensions (LxWxH)	mm	100x33x90
Packaging weight	Kg	0,207
Fit temperature	°C	-10 ÷ +55
Compliant to	EN 50083-2, EN 60065	

Technical data refer to a temperature of 25 °C

### Example of application



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