



## Adjustable gain multiswitch

4 TV-SAT tap outputs

**art. 15-455R**  
**MWR54-15**

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: +5 dB, +10 dB e +15 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	15-455R
Item	MWR54-15
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 +5, +10, +15
TV tap gain	dB -16
SAT Loopthrough Loss	dB 1,5 Typ. 2 Max
TV Loopthrough Loss	dB 4,5 Typ. 5 Max
SAT Return Loss	dB >10
TV Return Loss	dB >10
Max absorbed current @ 13V	mA 75
Max remote supply current	mA 300
SAT frequencies	MHz 950÷2150
TV frequencies	MHz 47÷790
Max SAT input level	dBμV 85
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

