

Cavity Filters and Combiners recommendations

Nominal power:

The rated powers shown in the data sheets refer to the following standard operating conditions:

- Altitude: less than 1,500 m. (See Altitude Thermal Derating)
- Free air, no container (eg Rack), no obstacle to natural air convection
- External temperature of the components below the maximum operating value (see product data sheet)

Altitude effect on power

The nominal powers for all components refer to a maximum altitude of 1.500 m; if used at higher altitudes, the nominal powers must be reduced according to the following table:

Altitude	Relative Power
0 -1.500 m	100%
2.000 m	95%
2.500 m	91%
3.000 m	87%
3.500 m	83%
4.000 m	80%

General Safety Information

All the products are intended for professional use only and they must be handled, installed, maintained by professional personnel only

Do not open, disassemble, modify, expose to water or other liquids e exceed maximum operating power, this make risk of damage to components or connected devices and also personal injury and fire hazard (warranty will be voided)

Some parts may get hot when in operation. If you experience unexpectedly high temperatures, please turn off and immediately report to Label Italy

Never exceed maximum operating power, this involve risk of permanent damage to the components and connected devices (Transmitters etc.)

Do not attempt to act on the tuning to re-tune a Filter unless you are familiar with Broadcast filters tuning. A Filter already tuned can be easily detuned.

Do not start the re-tuning a Filter prior to carefully reading the "Tuning Guide instructions ". Permanent damage may occur . A not correct tuned Filter can cause severe damage to Transmitters and other connected devices, therefore do not activate the RF power if the calibration is incorrect

Make sure that the Filter reaches the tuning specifications before connecting it to the system and turning on RF power

Never attempt to tune a Filter when connected to active RF power, this can risk of permanent damage and personal injury