

Instructions



946-950 MHz Band
Dedicated Antenna Filter (2 pcs as one set)

ATW-F948

Thank you for purchasing this antenna filter. Before using the antenna filter, please read through these operating instructions to ensure that you will use the antenna filter correctly. Also, be sure to store the operating instructions together with the warranty in a safe place for future reference.



Features

- Effectively cuts unwanted radio waves for mobile phones, etc. and supports stable operation of a wireless system
- Compact and lightweight body installable anywhere
- Passive module needing no external power source
- Connectable to all wireless systems, regardless of manufacturer
- Passes power through to active antennas

CAUTIONS

Warnings

- **Do not disassemble or modify the antenna filter.**
Failure to observe this precaution could cause injury due to electric shock or accidental fire.
- **Do not subject the device to strong impact.**
Failure to observe this precaution could cause injury due to electric shock or accidental fire.
- **Do not touch the device with wet hands.**
Doing so might cause injury due to electric shock.
- **Do not splash with water.**
Failure to observe this precaution could cause injury due to electric shock or accidental fire.
- **Do not allow flammable items, metal objects, liquid or other foreign matter to get inside the antenna filter.**
Failure to observe this precaution could cause injury due to electric shock or accidental fire.
- **Do not cover the device with cloth.**
Doing so might cause an accidental fire due to overheating.
- **Keep the plastic bags provided with the product out of reach of small children and away from flames.**
Failure to observe this precaution could cause an accident or fire.
- **Do not place the device on unstable surface.**
The product may overturn and cause injury or become damaged.
- **Do not place the device in direct sunlight, near heating apparatus or in hot, humid or dusty places.**
It may cause product failure or malfunction.
- **Keep antenna filter away from fire.**
Exposure to fire might deform or otherwise damage the antenna filter.
- **Do not use any chemical such as thinner, benzene or contact protection agent.**
Doing so might deform or otherwise damage the antenna filter or other connected devices.

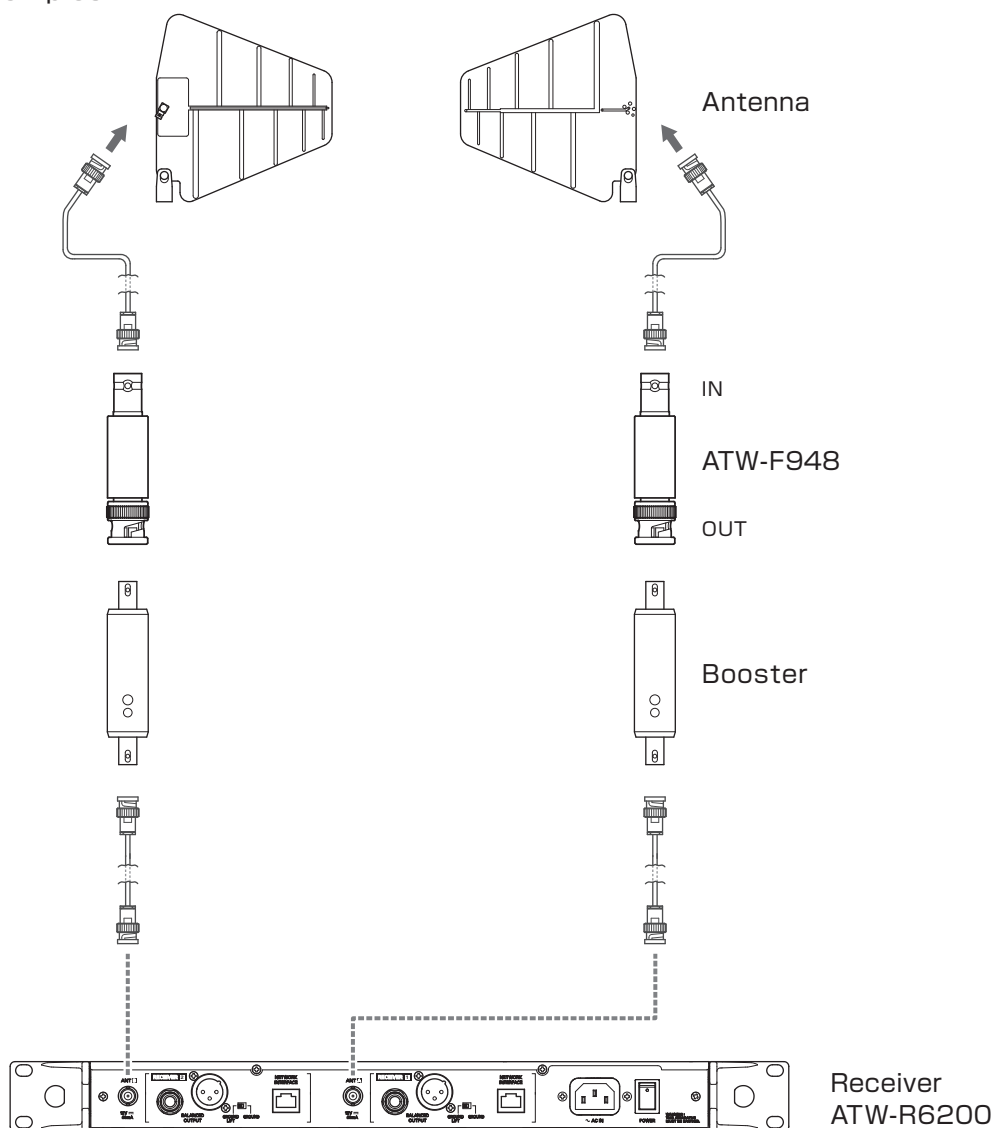
Caution

- To prevent possible damage to the filter, do not exceed 400 mA of input current.

Connections

1. Connect the antenna to the IN side connector of this product with a coaxial cable.
2. Connect the OUT side connector of this product to a receiver (ATW-R6200) or a booster compatible with the 946-950 MHz band, directly or with a coaxial cable.

■ Connection examples



Specifications

Frequency range	946-950 MHz	Permissible ambient temperature	-10° C to + 60° C
Impedance	50 Ω	Recommended ambient temperature	+15° C to + 35° C
High frequency passage loss	3 dB	Outer dimensions	φ 15 × 60 mm
Maximum input level	+10 dBm	Weight	Approx. 28 g
Connector	BNC-J (IN) BNC-P (OUT)		

(Specifications and product details are subject to change without notice.)