

## 11a Wireless Antenna Splitter

LevelOne's WAS-4002 is a two-port antenna splitter that enables you to operate one radio with two antennas in the 5.8 GHz frequency band.

With the state of the art microstrip technology using Wilkinson circuit topology, this device provides the perfect solution to split two antennas and point them in two different directions and still maintain proper gain and impedance. This splitter is suitable for omni-directional or directional antennas or a combination thereof.

The WAS-4002 is optimized for maximum performance. There is only 0.7 dB insertion loss over theoretical 3dB loss found in 2-port splitter. No power supply is required for operation of this device.



**WAS-4002**

### Related Products



**WAN-4220**

11a 22dBi Outdoor Grid Antenna



**WAN-4230**

11a 23dBi Outdoor Patch Antenna

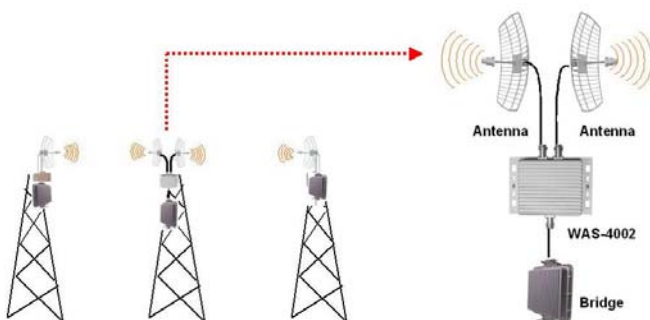
### Key Features

- Waterproof enclosure
- Works equally well for both transmit and receive signals
- Covers the entire 5.8 GHz band
- Only 0.7 dB insertion loss over theoretical 3dB loss found in 2 port splitter
- Standard N-female connectors
- Supports up to 2 Watt transmitter power
- Passes DC through it to enable dual amplifiers
- Extremely reliable strip line matching
- Suitable for Omni or directional antennas or a combination thereof
- Provides isolation between the output ports

### Technical Specification

- **Standard**  
IEEE 802.11a
- **Frequency Range**  
5.8GHz
- **Impedance**  
50 Ohm
- **Insertion loss (dB)**  
> .7 dB
- **VSWR**  
<1.5: 1
- **Connector Type**  
N-female
- **Power Input**  
25 Watt (max.)
- **Temperature**  
Operating:-20° ~+50° C
- **Dimensions (mm)**  
82(L) x 22(W) x 20(H)
- **Weight**  
35g

### Product Diagram



WAS-4002 operates one radio with 2 antennas

### Ordering Information

- WAS-4002: 11a Wireless Antenna Splitter