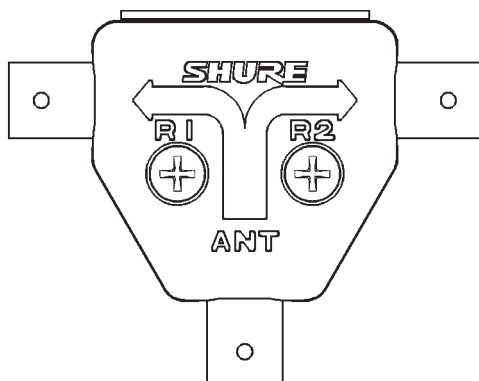




UA221 PASSIVE ANTENNA SPLITTER KIT



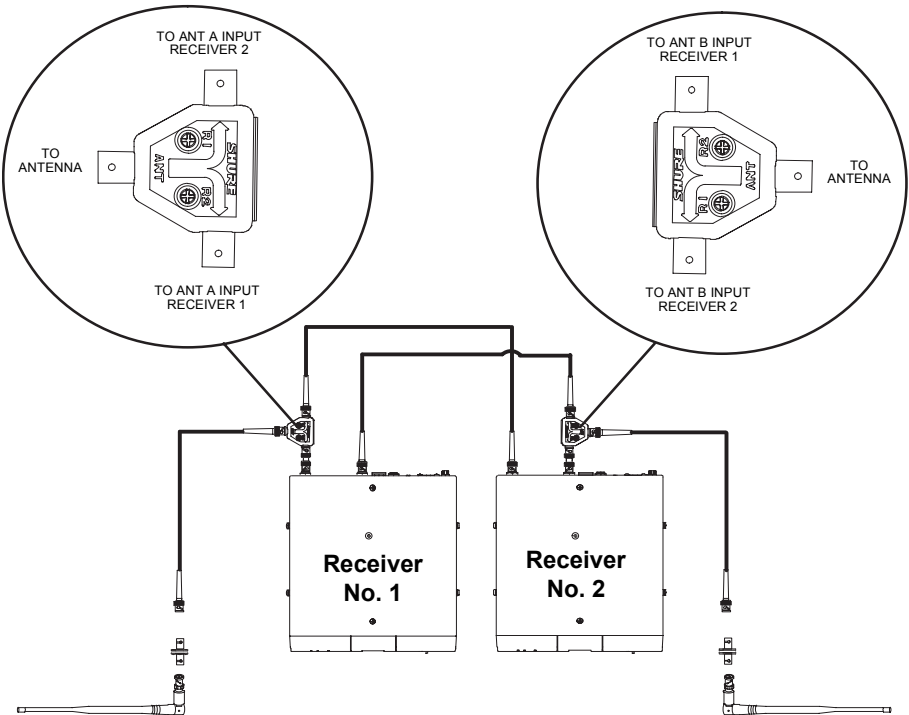
GENERAL

The Shure UA221 Antenna Splitter Kit includes a pair of one-input, two-output passive antenna splitters, four coaxial cables, two BNC male-to-male adapters, and connecting hardware. Each UA221 splits an incoming signal into two outgoing signals.

UA221 splitters are intended for use with Shure Wireless Systems. Use Shure UA820 1/2 wave antennas (shown in Figure 1) or Shure UA400 1/4 wave UHF antennas, and Shure UA802, UA825, or UA850 50 Ω low-loss antenna cable.

INSTALLING THE UA221 SPLITTERS

- 1. Connect one BNC male-to-male adapter (two supplied) to the ANTENNA A input on the first receiver.
- 2. Connect the other BNC male-to-male adapter to the ANTENNA B input on the second receiver.
- 3. Using the supplied coaxial cables, connect the R1 and R2 connectors on the UA221 splitters to the ANTENNA A and ANTENNA B inputs on the receivers, as shown in Figure 1.
- 4. Using the supplied coaxial cables, connect the ANT connector on each UA221 splitter to a UHF antenna, as shown in Figure 1.
- 5. Install the receivers in a 19-inch audio equipment rack.



UA221 ANTENNA SPLITTER CONNECTIONS
FIGURE 1

SPECIFICATIONS

RF Carrier Frequency Range

10 to 1,000 MHz

Voltage Wave Standing Ratio (VSWR)

1.2

Impedance

50 Ω

Isolation

20 dB

Insertion Loss

2 dB

Overall Dimensions

63.5 mm x 48.2 mm x 22.3 mm (2.5 in. x 1.9 in. x 0.9 in.)

Weight

45.3 g (1.6 oz)

FURNISHED PARTS

0.5 m (2 ft.) Coaxial Antenna Cable (4).....	UA802
BNC Bulkhead Adapters, lockwasher, nut (2).....	95A8647
BNC Male-to-Male Adapter (2).....	95A8738

OPTIONAL ACCESSORIES

1/2 Wave Antenna (774-865 MHz).....	UA820A
1/2 Wave Antenna (662-698 MHz).....	UA820C
1/2 Wave Antenna (554-590 MHz).....	UA820D
1/2 Wave Antenna (756-784 MHz).....	UA820E
1/4 Wave Antenna.....	UA400
7.6 m (25 ft.) Coaxial Antenna Cable	UA825
15.2 m (50 ft.) Coaxial Antenna Cable	UA850
33 m (100 ft.) BNC-to-BNC Cable.....	UA8100
Remote Antenna Bracket with BNC Bulkhead Adapter	UA505
Antenna Rack Panel with Cables and BNC Adapters.....	UA440



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