

## WIDE-BAND DIRECTIONAL ANTENNA

### Product Specification



#### R-32AU

Wide-band Directional Antenna

- Light weight appearance, convenient for carrying and set up
- With high direction gain, enhance the receiving signal
- Built-in Antenna Booster.

Antenna Frequency Range:	480MHz ~ 950 MHz
Amplifier Frequency Range:	480MHz ~ 950 MHz
Antenna Directionality:	Cardioid
Antenna Polarization Mode:	line
Antenna Gain:	≥6.5dB
Antenna Standing Wave Ratio:	<2
Amplifier Gain:	0 to 15dB
Amplifier Low Noise:	<0.45dB
Amplifier OIP3:	>38dBm
External Power Supply:	6-12VDC
Current:	75mA
Connector Port:	BNC female
Dimensions (mm):	332(L)×304(W)×3(H)
Weight:	About 715g



#### R-22AU

Wide-band Directional Antenna

- Light weight appearance, convenient for carrying and set up
- With high direction gain, enhance the receiving signal
- Built-in Antenna Booster.

Carrier Frequency Range:	620MHz ~ 960 MHz
Gain Of Output:	6dBi
Connector:	BNC Female
Dimension(mm):	245(H)×236(W)×31(D)
Weight:	220g



#### R-20U

UHF Wide-band Directional Antenna

- The R-20U directional antenna provides enhanced signal pickup for UHF wireless microphone systems operating in the 470-900MHz frequency range, and is compatible with new foreign telecommunications regulations. Lightweight, structurally durable, UV-degradable ABS cover sheets that provide long life and consistent performance under harsh operating conditions.

Frequency Range:	470MHz-900 MHz
Polar Pattern:	≥25dB
Gain:	7dBi(Typical)
Impedance:	50Ω
Horizontal Flap Width:	80°
Vertical Flap Width:	60°
Max. Power:	50W
Polarization:	Vertical
VSWR:	≤ 2.0
Connector:	BNC
Dimensions (mm):	210(H)×180(W)× 44(D)
Weight:	300g

#### R-43W

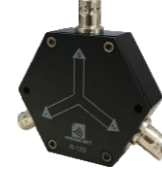
Bar Antenna



Frequency Range:	400MHz~950MHz, 2000MHz~2500MHz
Gain:	9dB
Standing Wave Ratio:	≤2
Input Impedance:	50 Ω
Connector Type:	N-type male
Dimensions (mm):	Φ36.5×376
Net Weight:	About 220g

## ACCESSORIES

### Product Specification



#### R-12S

Antenna Divider

- R-12S can separate 1 RF signal to 2 RF signals or combine 2 RF signals to 1 RF signal output. Also it is a RF signal amplifier can transfer the offset voltage to front, is a ideal antenna system accessory.

Frequency Range:	400 MHz -1000MHz
Attenuation:	-3.5dB, ±1dB
Insulate:	>-20dB
Impedance:	50 ohm
Voltage/Current:	50V DC/1.50A
Connector:	BNC
Size(mm):	65(W)×50(L)×20(H)
Weightabout:	35g



#### R-20A

Antenna Booster

- R-20A provides increased gain for receiving antennas, maintains an effective and reliable signals and reduces chance for signal dropouts under difficult Rf conditions.
- Compact and lightweight, R-20A is integrated into a small package and can be concatenated in the middle of the connecting cable

Frequency Range:	450-950MHz
Gain:	5dB 15dB
Connector:	BNC female
VSWR:	Input/output≤ 3:1
Power Supply:	DC 8V, 80VmA
Working Temperature:	-50°C to +60°C
Dimensions(mm):	87(W)×65(D)×20(H)
Weight:	85g
Outer Casing Standard:	Black anodized aluminum
Connecting Cable Standard:	50Ω low-loss coaxial cable.



#### R-20P

Power Supplier for Antenna

- R-20P is a device that supplies power to antennas or antenna amplifiers, providing DC8V, 80mA output, allowing external antenna systems to work independently. The aluminum housing is designed with a rugged, lightweight construction and excellent heat dissipation, making the internal circuitry durable and continuously providing the output voltage, which is a best choice for the antenna receiving system.

Connect:	BNC
Power Requirement:	Power Adapter with 12V/1A
Power Supply:	DC 8V,300mA
Working Temperature:	-25°C~50°C
Dimension:	87(W)×65(D)×20(H)
Weight:	About 90g
Material:	Black electroplate aluminum

### Antenna Mounting Brackets



#### R-M11

Multi-purpose mounting bracket



#### R-M12

Wall mounting bracket



#### R-M13

Wall mounting bracket