

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:	5mA
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

- The R-43W is a passive wideband UHF omnidirectional antenna. It is designed to withstand harsh weather conditions, making it suitable for temporary outdoor use. However, it should not be exposed to humid environments for extended periods. The R-43W is compatible with the WDC-903 wireless conference system data communication converter, providing high-gain, 360° omnidirectional signal reception/transmission for stable signal performance with the data communication converter.

Frequency Range:	400MHz~950MHz, 2000MHz~2500MHz
Gain:	9dB
Standing Wave Ratio:	9dB
Input Impedance:	50Ω
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 output 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-M13
Wall mounting bracket



R-M17
Wall mounting bracket