

UHF Ringos

..... Easily Installed With Simple Tools

Ringo and Ringo Ranger are the perfect choice for omnidirectional applications where ease of installation and economy are a priority. These versatile base station antennas are widely used in dedicated systems such as fire, police, telemetry, security, data transmission and talk-around. For quick response and low transportation cost, we've made these antennas UPS-shippable.

Ringo Ranger II 7 dBi Gain

Our most popular UHF base station model is perfect for applications needing an economical omnidirectional antenna. Requiring neither tuning nor groundplane, the 406-512 MHz Ringo Ranger II offers a full 6 dB gain versus a quarterwave whip.

Ringo Ranger 5 dBi Gain

Ringo Ranger provides a 406-512 MHz frequency range and 5 dB gain. Easy to install and economical, Ringo Ranger delivers excellent electrical performance and long life.

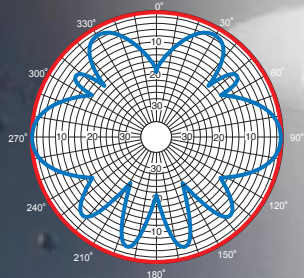
Ringo 2 dBi Gain

The Ringo is a DC-grounded single half-wave antenna fed by a matching section with a ring inductor. Covering a 406-512 MHz frequency range with 2 dB gain, the Ringo is shipped assembled and requires no tuning. A screwdriver and a tape measure will get you on the air.

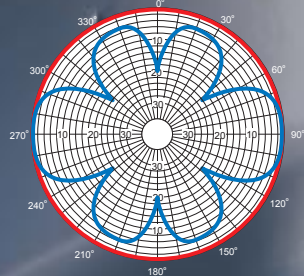
RINGOS

- Broadband
- No tuning required
- Assembled
- DC grounded
- Stainless steel hardware
- Seamless hard-drawn aluminum
- UPS-shippable

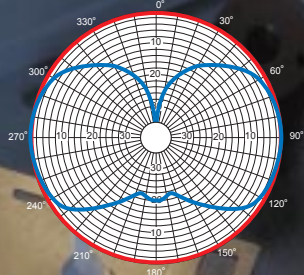
Typical Ringo Ranger II



Typical Ringo Ranger



Typical Ringo



Red line: H-Plane
Blue line: E-Plane

CRX450B



CR450



CRX450

UHF RINGO SELECTOR GUIDE

Model	Freq. MHz	Gain dBi	VSWR MHz	Bandwidth E-Plane ¹	-3dB bmwidth Type	Connector in (cm)	Height lb (kg)	Weight ft ³ (m ³)	W/sur Area mph (kph)	W/survival
CRX-406B	406-420	7	1.5:1 nominal	8	30	UHF	54 (137)	2.6 (1.2)	0.27 (0.03)	80 (125)
CRX-450B	450-470	7	1.5:1 nominal	8	30	UHF	54 (137)	2.6 (1.2)	0.27 (0.03)	80 (125)
CRX-470B	470-490	7	1.5:1 nominal	8	30	UHF	54 (137)	2.6 (1.2)	0.27 (0.03)	80 (125)
CRX-490B	490-512	7	1.5:1 nominal	8	30	UHF	54 (137)	2.6 (1.2)	0.27 (0.03)	80 (125)
CRX-406	406-420	5	1.5:1 nominal	10	36	UHF	38 (96.5)	2 (0.9)	0.16 (0.02)	80 (125)
CRX-450	450-470	5	1.5:1 nominal	10	36	UHF	38 (96.5)	2 (0.9)	0.16 (0.02)	80 (125)
CRX-470	470-490	5	1.5:1 nominal	10	36	UHF	38 (96.5)	2 (0.9)	0.16 (0.02)	80 (125)
CRX-490	490-512	5	1.5:1 nominal	10	36	UHF	38 (96.5)	2 (0.9)	0.16 (0.02)	80 (125)
CR-406	406-420	2	1.5:1 nominal	20	73	UHF	17 (43.2)	0.5 (0.24)	0.06 (0.01)	80 (125)
CR-450	450-470	2	1.5:1 nominal	20	73	UHF	17 (43.2)	0.5 (0.24)	0.06 (0.01)	80 (125)
CR-470	470-490	2	1.5:1 nominal	20	73	UHF	17 (43.2)	0.5 (0.24)	0.06 (0.01)	80 (125)
CR-490	490-512	2	1.5:1 nominal	20	73	UHF	17 (43.2)	0.5 (0.24)	0.06 (0.01)	80 (125)

Common Specifications: Power handling - 250 Watts; Element - 6063-T832 aluminum; Mounting style - tube end; Maximum mast diameter - 7/8 in (2.22 cm)