



Smart Technology. Delivered.

CR/CRX Ringo Series

406 to 512 MHz

Omnidirectional Base Station Antenna



CR450

CRX450



CRX4508

BROADBAND OMNIDIRECTIONAL BASE STATION ANTENNA

The Laird 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.

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.

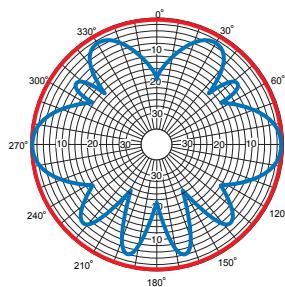
Ringo Ranger 5 dBi Gain Ringo Ranger provides a 406-512 MHz frequency range and 5 dB gain. Easy to install and economical, Ringo Ranger delivers excellent electrical performance and long life.

Ringo 2 dBi Gain

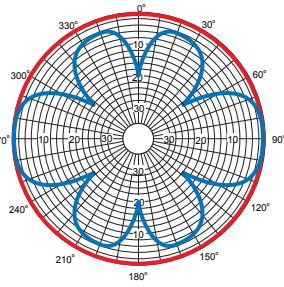
The Ringo is a DC-grounded single half-wave antenna fed by a matching section with a ring inductor. Covering a 406-512 MHz frequency range with 2 dB gain, the Ringo is shipped assembled and requires no tuning.

MODEL	FREQ. MHz	GAIN dBi	VSWR MHz	BANDWIDTH E-PLANE°	-3dB BEAMWIDTH	CONNECTOR TYPE	HEIGHT in (cm)	WEIGHT lb (kg)	W/SUR AREA f ² (m ²)	W/ SURVIVAL mph (khp)
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)

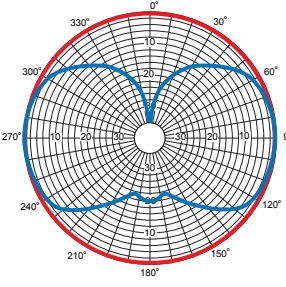
Typical Ringo Ranger II



Typical Ringo Ranger



Typical Ringo



Legend:
█ H-Plane
█ E-Plane

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