



CRS-CRX RINGO

150 to 174 MHz and 220-222 MHz

BROADBAND OMNIDIRECTIONAL BASE STATION ANTENNA

These popular omnidirectional antennas have been selected for use with repeaters, talk-around systems, paging systems, security alarms, VHF dedicated systems, 220 trunking systems, and in such applications as police, fire, agricultural and hundreds of others requiring reliability, long life and economy. Field tunable and easy to install, they can be mounted on any vertical tubular support up to 1-1/4 inch (3.2 cm) diameter. Ringo, Ringo Ranger, and Ringo Ranger II can be shipped economically by UPS.

Ringo Ranger II, CRX-150B and CRX-220B, 6 dBi gain

Our most popular base station antenna is now available in the 220 MHz band. Both the CRX- 220B (220-222 MHz) and the CRX-150B (150-174 MHz) feature a full 6 dB gain vs. a quarterwave antenna. The Ringo Ranger II is perfect for trunking or any other system where ease of installation, performance and economy are priorities.

Ringo Ranger, CRX-150 and CRX-220, 5 dBi gain

Field tunable and easily installed, the CRX-150 (150-174 MHz) and the CRX-220 (220-222 MHz) have 5 dB gain. Installation involves measuring the radiator length and tightening two clamps; the antenna is assembled just that easily. Add a simple adjustment of the tuning rod, and you're ready to go!

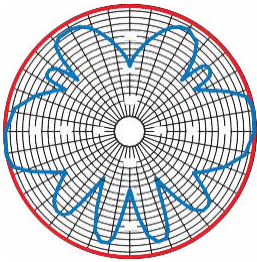
Rugged Ringo CRS-150 and CRS-220, 2 dBi gain

Our Ringo is a single half-wave, end-fed antenna with a matching section featuring a ring inductor. With a frequency range of 150-174 MHz (CRS-150) or 220-222 MHz (CRS-220) and 2 dB gain, the Ringo is completely grounded. It is shipped with a fully assembled base section and requires only adjustment of the radiator tube and simple tuning to be operational. Ringos include stainless steel hardware and radiators fabricated from seamless aluminum tubing.

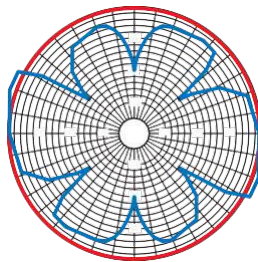
VHF RINGO SELECTOR GUIDE

MODEL	FREQ. MHZ	GAIN DBI	VSWR NOMINAL	BANDWIDTH 1.5:1 MHZ	-3DB BEAM-WIDTH E-PLANE	CONNECTOR (FEMALE)	HEIGHT IN (CM)	WEIGHT LB (KG)	W/SUR AREA FT2 (M2)	W/ SURVIVAL
CRX-150B	150-174	7	1.5:1	4	30	UHF	162 (412)	7 (3.2)	1.4 (0.13)	80 (125)
CRX-150	150-174	-	1.5:1	6	36	UHF	116 (294)	5 (2.2)	0.5 (0.05)	80 (125)
CRS-150	150-174	-	1.5:1	7	73	UHF	45 (114)	2 (0.9)	0.18 (0.02)	80 (125)
CRX-220B	220-222	7	1.5:1	2	30	UHF	110 (279)	5 (2.25)	.95 (.088)	80 (125)
CRX-220	220-222	5	1.5:1	2	36	UHF	79 (200)	3.5 (1.57)	.34 (.130)	80 (125)
CRS-220	-	-	1.5:1	2	73	UHF	30 (76)	1.5 (.67)	.122 (.017)	80 (125)

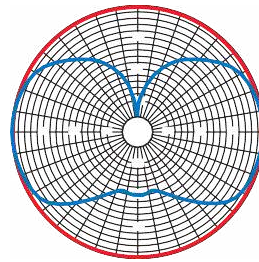
CRX-150B



CRX-150



CRS-150



■ H-Plane
■ E-Plane

TE TECHNICAL SUPPORT CENTER

USA: +1 (800) 522-6752
 Canada: +1 (905) 475-6222
 Mexico: +52 (0) 55-1106-0800
 Latin/S. America: +54 (0) 11-4733-2200
 Germany: +49 (0) 6251-133-1999
 UK: +44 (0) 800-267666
 France: +33 (0) 1-3420-8686
 Netherlands: +31 (0) 73-6246-999
 China: +86 (0) 400-820-6015

te.com

TE Connectivity, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

©2021 TE Connectivity. All Rights Reserved.

11/21 Original