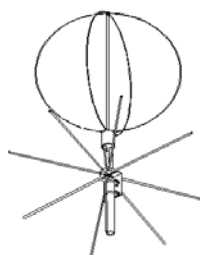


EB-144 "Eggbeater"



EB-144 with included RK-2M Radial Kit

SPECIFICATIONS

Model	EB-144
Frequency range	144-148 MHz
Usable Frequency Range	135-150 MHz
Impedance	50 OHMS
VSWR	1.5:1 (1.2:1, 144-148 MHz)
Pattern	Omnidirectional
Polarity	Horizontal & Circular Overhead
Power Handling	1 KW
Mounting	To 3/8-24 Male Thread
Connector	SO-239
Size	34" H X 28" W
Wind Survival	100 MPH
Loops	#10 Copperweld
Loops	3/8" Fiberglass
Body	Delrin, CNC Mach, Alum
Hardware	Stainless Steel & Brass
Wind Area	0.2 sq ft.
Weight / Ship Wt.	4 lbs / 5 lbs / UPS

FEATURES

The EB-144 EGGBEATER offers exciting new performance characteristics for both fixed and mobile operations. The EGGBEATER produces smooth omnidirectional HORIZONTAL polarity at the horizon. Above the horizon, the pattern transforms to RIGHT HAND CIRCULAR, making it a natural for OSCAR satellite use. By spacing the EGGBEATER 1/8 wave above a metal surface or adding the RK-2M radial kit for base installations, the circular lobe increases by 6 dB, producing a hemispherical pattern. No rotation or steering is required. For terrestrial mobile, base, net control, contest or field day operation, increasing the distance above ground or over a metallic surface improves the horizontal radiation by 6 dB. This produces instantaneous communications in all directions. Hams with little room or budget for larger antennas will experience a new standard of performance with the EB-144.