

EDX SERIES

PRODUCT OVERVIEW

Folded Dipole antennas are inherently flexible. They can be used either as omni-directional or as directional antennas. They generally provide wider bandwidths than other forms of dipole antennas. The EDX Series comes in multiple frequencies covering ranges between 150 to 512 MHz. You can expect continuous service from these Reliable VHF, PTC, and UHF Antennas.

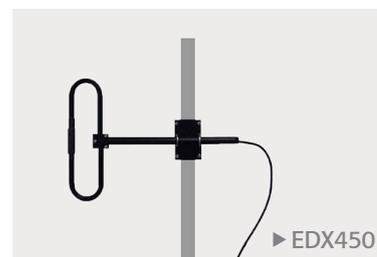
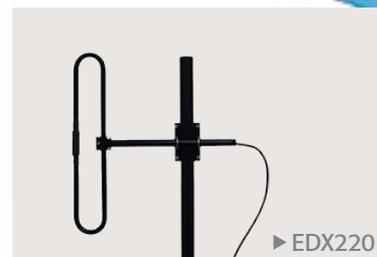
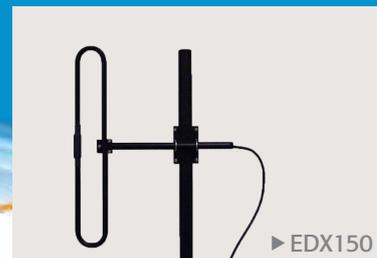
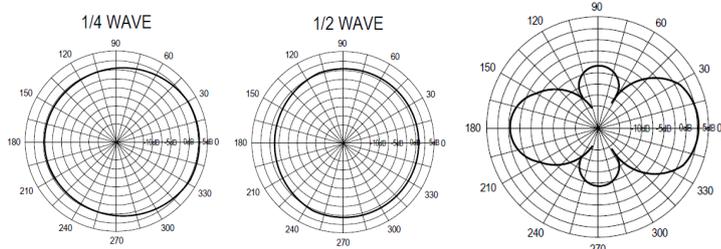
The EDX Series Antennas are DC grounded. These folded dipole antennas are light weight, and easy to mount, but strong enough to withstand winds of 150 mph. Installation is simple and mounts up to a 1.9" diameter mast. Mounting hardware is included. The Antennas Pictured to the right show the EDX Antennas with a User Supplied Masts. In addition, Couplers and Phasing Harness are available for configurable patterns and Gain.

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Electrical Specifications			
Frequency	EDX150	150 - 174 MHz	VHF
	EDX220	200 - 250 MHz	PTC
	EDX450	406 - 512 MHz	UHF
Gain	2.5 dBd		
VSWR	<1.5:1		
Impedance	50 Ohm Nominal		
Power Rating	250 Watts		
Vertical Beamwidth	70°		

Mechanical Specifications			
Radome Material & Color	Black Anodized Aluminum		
Connector	"N" Male		
Mast Diameter	1.9" (4.8 cm) (Recommended)		
Wind Rating	150 mph (241 kph)		
Cable Length	5 ft (1.5 m)		
	EDX150	EDX220	EDX450
Length	26" (66 cm)	22" (55.8 cm)	14" (35.5 cm)
Height	35" (89 cm)	23 1/4" (59 cm)	11" (27.9 cm)
Weight	4.5 lbs (2kg)	3.75 lbs (1.7 kg)	3 lbs (1.4 kg)
Flat Plate Area	0.7 ft ²	0.5 ft ²	0.3 ft ²
Wind Load	35 lbs (15.8 kg)	30 lbs (13.6 kg)	26 lbs (11.7 kg)

Horizontal Patterns	Vertical Pattern
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FOLDED DIPOLE ANTENNAS

HIGHLIGHTS:

- Models for VHF, PTC, or UHF
- 70° Vertical Beamwidth
- PHASING HARNESS Available
- Made-in-the-USA

RELATED MODELS:

- Y3313 & Y3323 (3 Element VHF Yagi)
- CC Series (Couplers)
- PH-450-4-0 or PH-450-2-0 (Phasing Harness for EDX450)
- PH-150-2-0 or PH-150-4-0 (Phasing Harness for EDX150)

COMMON APPLICATIONS:

- Land Mobile Radio Infrastructure
- VHF / UHF / Low Bands
- Public Safety
- Trains / Railways
- Utilities / Smart Grids



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