

## EDX Series

### FOLDED DIPOLE ANTENNAS

#### PRODUCT OVERVIEW

The Folded Dipole antennas provides directional coverage and generally provides wider bandwidths than other forms of dipole antennas. Couplers and phasing harness are available for configurable patterns and gain.

- **Versatile & Powerful:** The EDX Series comes in multiple frequencies covering ranges between 150 to 512 MHz (VHF, PTC, or UHF). Folded Dipole antennas can be phased together to provide an omni-directional pattern.
- **Durable Build:** These folded dipole antennas are light weight and DC grounded. They are strong enough to withstand winds of 150 mph.
- **Easy To Install:** Installation is simple and mounts up to a 1.9" diameter mast. Mounting hardware is included.

Tested and trusted, Mobile Mark focuses on quality, fast delivery, and leveraging the expertise of highly skilled professionals, specializing in customizable manufacturing solutions across North America and Europe. By combining advanced technologies with comprehensive team knowledge, we ensure tailored products that meet diverse needs, all delivered efficiently to exceed expectations.

To Purchase, visit [www.TheAntennaStore.com](http://www.TheAntennaStore.com)

Electrical Specifications			
Frequency	EDX450	380 - 512 MHz	UHF
	EDX220	200 - 250 MHz	PTC
	EDX150	150 - 174 MHz	VHF
Gain	4 dBi Max		
VSWR	<1.5:1		
Impedance	50 Ohm Nominal		

Mechanical Specifications	
Material & Color	Black Anodized Aluminum
Connector	"N" Male
Mast Diameter	1.90" (48 mm) (Recommended)
Wind Rating	150 mph (241 kph)
Cable Length	5 ft (1.5 m)
RoHS Compliant	Yes

	EDX450	EDX220	EDX150
Length	14" (355 mm)	22" (558 mm)	26" (660 mm)
Height	11" (279 mm)	23 1/4" (590 mm)	35" (890 mm)
Weight	3.00 lbs (1.4 kg)	3.75 lbs (1.7 kg)	4.50 lbs (2 kg)
Flat Plate Area	0.3 ft <sup>2</sup>	0.5 ft <sup>2</sup>	0.7 ft <sup>2</sup>
Wind Load	26 lbs (11.7 kg)	30 lbs (13.6 kg)	35 lbs (15.8 kg)



#### HIGHLIGHTS:

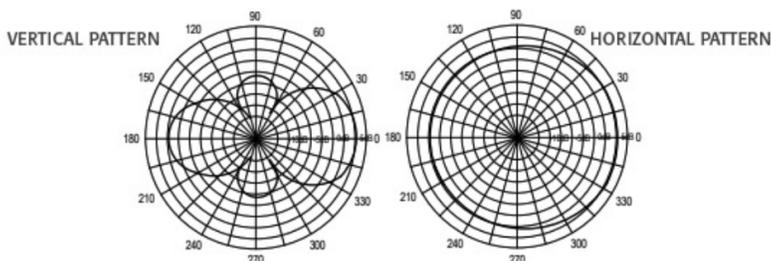
- Models for UHF, PTC, or VHF
- 70° Vertical Beamwidth
- PHASING HARNESS Available
- Manufactured in North America & Europe 

#### 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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