

EDX Series

FOLDED DIPOLE ANTENNAS

PRODUCT OVERVIEW

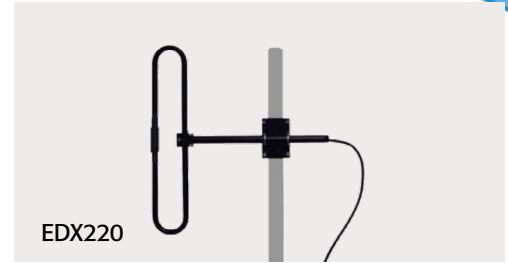
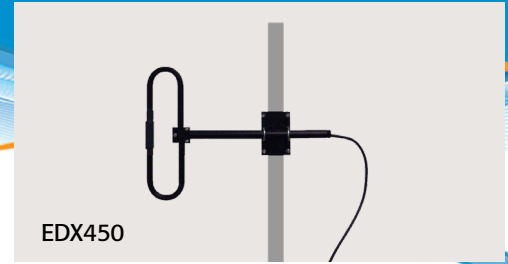
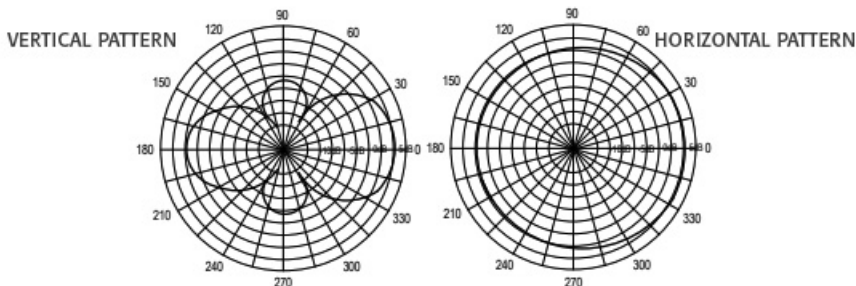
The Folded Dipole antennas provides directional coverage and generally provides wider bandwidths than other forms of dipole antennas. The EDX Series comes in multiple frequencies covering ranges between 150 to 512 MHz (VHF, PTC, or UHF). These folded dipole antennas are light weight, easy to mount, and DC grounded. They are 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. Folded Dipole antennas can be phased together to provide an omni-directional pattern. Comtelco Antennas is Now a Mobile Mark Brand.

Visit our [eStore](#) to customize an Infrastructure Antenna Online.

Electrical Specifications			
Frequency	EDX450	406 - 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		
Power Rating	250 Watts		
Vertical Beamwidth	70°		

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 ²	0.5 ft ²	0.7 ft ²
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
- 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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