

# OD3-150WB

## PRODUCT OVERVIEW

Mobile Mark's unique VHF Wideband base station antenna is specifically designed to cover the full Public Safety P25 spectrum band from 138 MHz to 174 MHz with a VSWR of  $< 1.5:1$ . This antenna also covers 128 MHz to 180 MHz with a VSWR of  $< 2:1$ .

These frequency ranges cover various applications including law enforcement, fire, and EMS (emergency medical services). It is also used by aviation, satellite, power utilities, industrial, and local government for telemetry and remote-control applications.

The wideband VHF OD3-150WB eliminates inter-operability issues and ensures superior bandwidth coverage without sacrificing signal performance. The no tune wideband design eliminates the need to install multiple antennas to cover various VHF frequency bands. Our wideband antennas reduce installation costs and ensures superior coverage at all desired frequencies.

The OD3-150WB is made-in-the USA. The radiating elements are constructed of copper alloy and are enclosed in a robust fiberglass radome to protect from the harshest outdoor environments. It is rated at 500 watts with 3 dBi of gain so you can expect years of continuous service.

BSLLUMNT 2 - 4 mounting kit included.

Specifications	
Frequency & VSWR	138 - 174 MHz @ $< 1.5:1$
	128 - 180 MHz @ $< 2:1$
Gain	2 dBi
Vertical Beamwidth (-3dB)	84°
Nominal Impedance	50 ohms
Maximum Power	500 Watts
Connector	N Jack Female
Lightening Protection	External Recommended
Mounting	BSLLUMNT mount included (mounts up to 2.5" (6.35cm) OD Pipe)
Dimensions	56" (142.2cm H x 2.75" (7cm) Dia
Wind Rating	200 mph (322 kph) minimum
Temperature	-40° C to +85° C



## HIGHLIGHTS:

- VHF Base Station Antenna
- Covers 138 - 180 MHz
- 56" (142.2cm) Tall

## COMMON APPLICATIONS:

- Law Enforcement
- Industrial
- Power Utilities
- Aviation

## RELATED PRODUCTS:

- BSL150XL3 SERIES  
(Covers 144-174 MHz, Diff Style)
- BS150U SERIES  
(Models from: 144-174 MHz)



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