



► Broadband Antenna

OMNI-B Series

OMNI-B Series antennas can be used with all Federal Signal radio controlled siren products. The robust, low profile design can withstand high wind loads and harsh environments. Each model covers a broad range of frequencies without tuning.

OMNI-B Series antenna models are available with three antenna cable options: (-NC) No Cable, (-10) 10 foot antenna cable, or (-35) 35 foot antenna Cable.

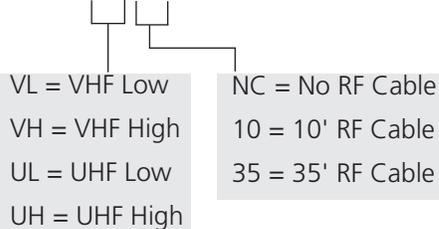
FEATURES

- High quality, corrosion-resistant components
- Light weight, easy to ship and install
- Compatible with (AMB-P) pole mount and (AMB-W) wall mount

HOW TO ORDER

Model Nomenclature

OMNI-BXX-XX



Model Example: OMNI-BVH-35 (VHF High, 35' Cable)

ELECTRICAL					
MODEL	FREQUENCY	GAIN	*VSWR (max)	Impedance	Power Rating
OMNI-BVL-XX	>138-150 MHz	5dBi	2.25	50 ohms	200 W
OMNI-BVH-XX	>150-168 MHz	3dBi	2.25	50 ohms	200 W
	>168-175 MHz	2dBi	2.4	50 ohms	200 W
OMNI-BUL-XX	>380-420 MHz	3dBi	2.5	50 ohms	200 W
OMNI-BUH-XX	>420-470 MHz	3dBi	2.3	50 ohms	200 W
	>806-824 MHz	3dBi	2.0	50 ohms	200 W
	>851-869 MHz	3dBi	1.4	50 ohms	200 W

*VSWR Measured with 35' cable

MECHANICAL	
Antenna Height	37.8 in / 96.0 cm (Antenna Tip-Radial)
Antenna Width	33.8 in / 85.9 cm (Radial-Radial)
Radiator	Stainless steel, heavy duty; 125 / 3.18 mm diameter
1" NPS Pipe Mounting Bracket	Powder Coated Cast Aluminum
Ground Plane Rods	Solid 0.25 in / 6.35 mm diameter, 6061-T6 Aluminum
Matching Coil	Silver plated, enclosed coil
Antenna RF Connection	Type N Female
Antenna Cable and Connector Type	CBL-CU400™ / N-Male both ends
Shipping Dimensions	18.0 in x 18.0 in x 6.0 in / 45.7 cm x 45.7 cm x 15.2 cm
Shipping Weight	4.25 lb / 1.93 kg (without antenna cable; + 2.5 lb / 1.1 kg with antenna cable)

Manual Part Numbers

Assembly Instruction: 25500860

Installation Manual: 25500445