Product Data Sheet



EMBKT-BSA100

Ground Plane Kit

108-520 MHz NMO Antennas

- Mobile NMO Antenna to Base Station Conversion
- VHF and UHF Antennas, 108-520 MHz (sold separately)
- High Grade 316 Stainless Steel and Nickel Plated Brass Construction Provides Durability and Resistance to Environmental Corrosion
- Directly Mounts to 1.6” to 2.5” Mast Diameter

Electrical Specifications

Frequency Bands†	108-520 MHz
VSWR†	<2:1 @108-135 MHz <1.5:1 @136-520 MHz
Impedance	50Ω
Power Rating	200 Watts

Mechanical Specifications

Overall Length x Width (Actual Installed Dimensions)	8 x 60 in. (203mm x 1524mm)
Mounting Mast Diameter (Actual Mast OD)	1.6 to 2.5 in. (40.6-63.5mm)
Dielectric Insulation	Teflon
Connector Material, Finish	Brass, Nickel Plate
NMO Mount	1-1/8-18 UNEF-2A
N Type Connector	Jack (Female) 5/8-24 UNEF-2A
Weight	.7 lb. (317.5 g)
Operational Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C

†VSWR & Frequency Specification are Antenna Dependent. NMO Antenna Sold Separately. Mounting Mast not included.
Specifications subject to change without notification.

ELECTRO-MAGWAVE, INC.
2241 Pinnacle Parkway, Suite A, Twinsburg, OH 44087 t 216-453-1160 f 216-447-8828 www.emwaveinc.com