

## Technical Specification

## BSMO, BSMOLC, BSMWM MOBILE TO BASE ADAPTERS

### Functional:

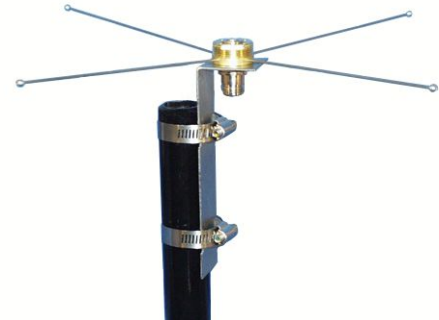
The **BSMO**, **BSMOLC** and **BSMWM** series Mobile to Base adapters will convert any Comtelco or other mobile antenna that mates with a standard Motorola type 3/4" hole mount into a base station vertical ground plane antenna.

### Multiple options:

The **BSMO** is a rugged, premium mount featuring a polyester coated universal bracket that can be mounted on a pipe mast, or against a flat wall with supplied stainless hose clamps, optional stainless steel U bolts or user supplied lag screws. The BSMO has electro polished .100 radials that can be cut to optimum length or can be ordered for a specific frequency.

The **BSMOLC** is a more economical version of the mobile to base mount. It has a stainless steel mounting bracket .062 diameter radials and is supplied with stainless steel hose clamps for mast mounting.

The **BSMWM-800** is a wall mount version of a Mobile to Base mount designed for use with an 800MHz and up mobile antenna.



### ELECTRICAL SPECIFICATIONS

<b>BSMO</b>	<b>FREQ RANGE:</b>	<b>TERMINATION:</b>
BSMO150	135-512MHz	SO239
BSMO450-N	406-512MHz	TYPE "N"
BSMO850	800-970MHz	MINI - UHF
BSMO850-N	800-970MHz	TYPE "N"
<b>BSMOLC</b>	<b>FREQ RANGE:</b>	<b>TERMINATION:</b>
BSMOLC150	135-512MHz	SO239
BSMOLC450-N	406-512MHz	TYPE "N"
BSMOLC850-N	800-970MHz	TYPE "N"
<b>BSMWM</b>	<b>FREQ RANGE:</b>	<b>TERMINATION:</b>
BSMWM-800	800-2500MHz	TYPE "N"

**POWER RATING:** 250 watts  
**IMPEDANCE:** 50 ohms

### MECHANICAL SPECIFICATIONS

**ANTENNA MOUNT:** Standard Motorola Type 3/4" hole mount  
**RADIALS:** 150MHz 22.5" (56cm)  
450MHz 7" (17.7cm)  
800MHz 4" (10cm)  
**HARDWARE:** BSMO 3" (7.6cm) dia. stainless hose clamps  
BSMOLC 3" (7.6cm) dia. stainless hose clamps