

COMTELCO

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

BSMO	FREQ RANGE:	TERMINATION:
BSMO150	135-512MHz	SO239
BSMO450-N	406-512MHz	TYPE "N"
BSMO850	800-970MHz	MINI - UHF
BSMO850-N	800-970MHz	TYPE "N"

BSMOLC	FREQ RANGE:	TERMINATION:
BSMOLC150	135-512MHz	SO239
BSMOLC450-N	406-512MHz	TYPE "N"
BSMOLC850-N	800-970MHz	TYPE "N"

BSMWM	FREQ RANGE:	TERMINATION:
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"
450MHz	7"
800MHz	4"

HARDWARE:

BSMO	3" dia. stainless hose clamps
BSMOLC	3" dia. stainless hose clamps