

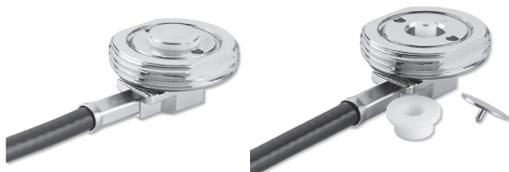
# RADIALL/LARSEN WLAN MOBILE ANTENNAS

WLAN deployment is growing rapidly and so is the need for advanced technologies and high frequency antennas. In response to industry demands, Radiall/Larsen has developed a unique line of high frequency mobile antennas. These products are designed to cover 802.11a, b and g bands. They are also designed to deliver superior electrical performance through efficient signal coverage.

Radiall/Larsen WLAN mobile antennas include a variety of mounting styles:

- LPT: Transit style radome enclosed antenna, NMO mounted.
- MS: Compact magnetic mount antennas.
- NMOHF\*: Premium high frequency Motorola-style, 3/4" hole mount. Also available in a thick mount version.
- SB: Stealth blade flexible printed circuit antenna.

**\* Note: All NMO mount antennas listed require an NMOHF (NMO High Frequency) mount.**



## NMOHF Mount

Convert from low frequency applications to high frequency applications and back by pulling or replacing the center pin and insulator.



## NMOHF Thick Mount

The NMOHFTHK is designed for surfaces up to 1/2" thick. Convert from low to high frequency applications by pulling or replacing the center pin and insulator

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DS-WLAN MOBILE  
02/06

**RADIALL/LARSEN**  
antenna technologies

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 **RADIALL**<sup>®</sup>

# RADIALL/LARSEN WLAN MOBILE ANTENNAS

MODEL	FREQUENCY
LPT2400NMOHF (W)	2400 - 2500 MHz
<b>Note: This antenna requires an NMOHF-style mount.</b>	
SPECIFICATIONS	
GAIN	2 dBi
TYPE	Low Profile
VSWR	< 2.0:1
POWER RATING	10 Watts
COLOR	Black or White
COAX	Order Separately
BASE DIAMETER	1.5"
MAX HEIGHT	3.5"



MODEL	FREQUENCY
LPT825/19NMOHF	806-960 / 1710-1990 / 2400 MHz
<b>Note: This antenna requires an NMOHF-style mount.</b>	
SPECIFICATIONS	
GAIN	3 dBi / 4 dBi
TYPE	Low Profile
VSWR	< 2.0:1
POWER RATING	10 Watts
COLOR	Black or White
COAX	Order Separately
BASE DIAMETER	1.5"
MAX HEIGHT	3.5"

MODEL	FREQUENCY
NM04E4900B	4900 - 5350 MHz
<b>Note: This antenna requires an NMOHF-style mount.</b>	
SPECIFICATIONS	
GAIN	4 dBi
TYPE	Elevated Feed
VSWR	2:1
POWER RATING	10 Watts
COLOR	Black
COAX	Order Separately
BASE DIAMETER	1.6"
MAX HEIGHT	4"



MODEL	FREQUENCY
NM04E5350B	5350 - 5925 MHz
<b>Note: This antenna requires an NMOHF-style mount.</b>	
SPECIFICATIONS	
GAIN	4 dBi
TYPE	Elevated Feed
VSWR	< 1.5:1
POWER RATING	10 Watts
COLOR	Black
COAX	Order Separately
BASE DIAMETER	1.6"
MAX HEIGHT	4"



MODEL	FREQUENCY
NM05E2400B	2400 - 2500 MHz
<b>Note: This antenna requires an NMOHF-style mount.</b>	
SPECIFICATIONS	
GAIN	5 dBi
TYPE	Enclosed Coil
NOMINAL IMPEDANCE	50 Ohms
VSWR	< 1.5:1 Maximum
POWER RATING	100 Watts
COLOR	Black
COAX	Order Separately
BASE DIAMETER	1.75"
MAX HEIGHT	8.4"



MODEL	FREQUENCY	CONNECTOR
MS3E2400SMA	2400 - 2500 MHz	SMA
MS3E2400TNC	2400 - 2500 MHz	TNC
SPECIFICATIONS		
GAIN	3 dB	
TYPE	Enclosed Coil	
NOMINAL IMPEDANCE	50 Ohms	
VSWR	< 2.0:1 Maximum	
POWER RATING	10 Watts	
COLOR	Black	
COAX	12' RG-58	
BASE DIAMETER	2"	
MAX HEIGHT	5.8"	



MODEL	FREQUENCY	CONN	COAX
SB24003	2400 - 2500 MHz	No Conn	3'
SB24006	2400 - 2500 MHz	No Conn	6'
SB2400SMA3	2400 - 2500 MHz	SMA	3'
SB2400SMA6	2400 - 2500 MHz	SMA	6'
SB2400SMB3	2400 - 2500 MHz	SMB	3'
SB2400SMB6	2400 - 2500 MHz	SMB	6'
SB2400MMCX3	2400 - 2500 MHz	MMCX	3'
SB2400MMCX6	2400 - 2500 MHz	MMCX	6'
SPECIFICATIONS			
GAIN	2.14 dBi		
TYPE	Dipole		
VSWR (see bandwidth)			
BANDWIDTH @ 1.5	60%		
BANDWIDTH @ 2.0	150%		
POWER RATING	3 Watts		
COLOR	Black		
COAX	RG-174		
DIMENSIONS	3" x 0.75"		
POLARIZATION	Linear		

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