



NLOS Series Mobile Antennas

900 to 928 MHz Operation

Features

- 900MHz Omni Directional Mobile Antennas
- Available in 5.5 and 7dBi gain models
- Stainless Steel Construction
- Magnetic Mounts, Trunk Lid mounts and Surface Mounts available

Applications

- 900 MHz ISM Band Applications
- Non Line of Sight Applications
- 900MHz Mobile Applications
- Point to Multi-point Systems

Description

The NLOS Series Omnidirectional Mobile Antenna systems offered by Pacific Wireless are constructed of Stainless Steel for long service life. Available mounts include small and large magnetic mounts as well as trunk lid mounts. The antennas are vertically polarized. They come with a N Male connector as standard to mate with various mounts. The mounts come with 10 ft. of RG-58/U cable with N Female Connectors. Alternate connector configurations are available by request.



5.5dBi Mobile

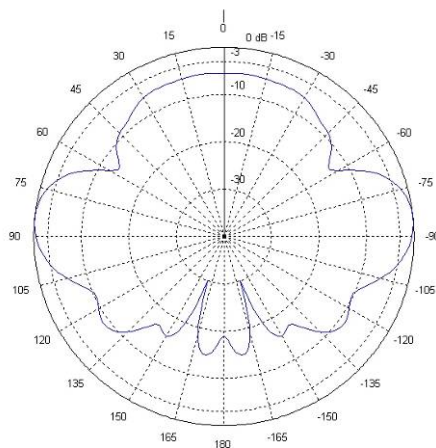
7dBi Mobile

Specifications

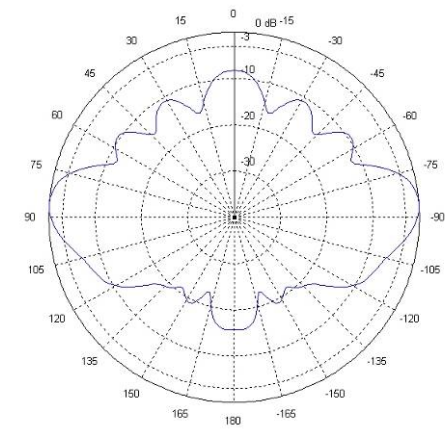
Parameter	Min	Typ	Max	Units
Frequency Range	900		928	MHz
Input Return Loss (S₁₁)		-14		dB
VSWR		1.5:1		
Impedance		50		OHM
Input Power			100	W
Operating Temperature	-45		+70	Deg C

900 – 928 MHz	MA9-5N	MA9-7N	MM-90N	MM-110N	MM-TMN	MM-SM-LPN	MM-SMN
Gain	5.5dB	7dB	Antenna Mounts				
Weight	3.9 Oz (120 g)	5.8 Oz (180 g)	1.5Lb (0.55Kg)	2.1Lb (0.8Kg)	0.7Lb (0.32Kg)	0.5Lb (0.23Kg)	0.5Lb (0.23Kg)
Dimension	16 in (40 cm)	20 in (50 cm)	3.5" (90mm) Dia	4.3" (110mm) Dia	3" (76mm)	1.5"x1.25" (38 x 32mm)	1.75" x 2" (44 x 51mm)
Cable Length	10' (3.5M) RG-58/U						
Connector	N Male	N Male	N Female	N Female	N Female	N Female	N Female

Antenna Patterns at 910Mhz



MA9-5



MA9-7



MM-SM-LPN
Thru Hole Low
Profile Surface
Mount for Mobile
Antennas



MM-SMN
Thru Hole Surface
Mount for Mobile
Antennas



MM-TMN
Stainless Steel
Trunk Lid Mount
for Mobile
Antennas



MM-90N
Magnetic Mount



MM-110N
Large Magnetic Mount

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty

System Ordering:

MA9-5N	5.5dBi NLOS Series 900MHz Mobile Antenna with N Female Connector
MA9-7N	7dBi NLOS Series 900MHz Mobile Antenna with N Female Connector
MM-90N	3.5" Diameter Magnetic Mount, 10' RG-58/U cable with N Female Connector
MM-110N	4.3" Diameter Magnetic Mount, 10' RG-58/U cable with N Female Connector
MM-TMN	Trunk Lid Mount for Mobile Antennas, 10' RG-58/U cable with N Female Connector
MM-SM-LPN	Low Profile ThruHole Surface Mount for Mobile Antennas, 10' RG-58/U cable with N Female Connector
MM-SMN	ThruHole Surface Mount for Mobile Antennas, 10' RG-58/U cable with N Female Connector

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