



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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### SECTORED AND WIDE-ANGLE COVERAGE DIRECTIONAL ANTENNA

Laird's 12 dBi gain, 90° "Wide H-plane" sectored antenna offers the systems integrator both an antenna for use with sectorized base stations and a wide area coverage directional antenna for use where a wide directional pattern characteristic would be preferable to an omnidirectional pattern characteristic. Enclosed in an attractive, UV-stable weatherproof radome, it is both attractive enough to satisfy indoor aesthetic requirements and rugged enough to withstand outdoor exposures.

Anywhere from one to four of the 90° sectored antennas can be deployed at a base station site depending on the area coverage that is called for and single antennas can be mounted to a wall or mast to provide wide area directional coverage. The TM905BRK mechanical down-tilt mount can be used to mount the antenna to a mast and can also be used to customize the antenna pattern tilt whether mounting to a mast or a wall surface. The design is both electrically and mechanically robust ensuring a lifetime of stable, trouble-free service and predictable, reliable, consistent performance.

The standard antenna comes with a 12 inch low-loss coax pigtail and N female connector. Alternative coax cable lengths and connector types are also available.

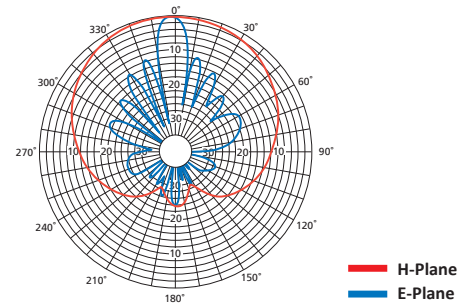


### FEATURES

- Wide 90° H-plane coverage
- Indoor/outdoor antenna
- Tilt and articulating mounts available
- Low visibility housing

### MARKETS

- WiMAX



S2401290P

PARAMETER	S2401290P12NF	S1851290P12NF	S1711290P12NF
Frequency (MHz)	2400-2500	1850-1990	1710-1880
Gain (dBi)	12	12	12
VSWR	2.0:1	2.0:1	2.0:1
Polarization	Linear	Linear	Linear
-3dB Beamwidth E-Plane	10°	10°	10°
-3dB Beamwidth H-Plane	90°	90°	90°
RF connector (f)	N	N	N
Dimensions in (cm)	3 x 26 x 1 (7.6 x 66 x 2.5)	34 x 3 x 1.2 (86.4 x 7.6 x 3.0)	34 x 3 x 12 (86.4 x 7.6 x 3.0)
Mount	Wall / Mast	Wall / Mast	Wall / Mast
Power (Watts)	50	50	50
Weight lb (kg)	1.0 (.45)	1.6 (.73)	1.6 (.73)

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