

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.

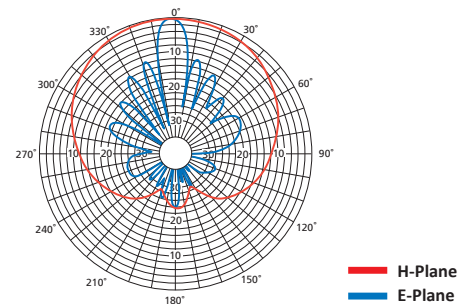
The standard antenna comes with a 12 inch low-loss coax pigtail and N female connector. Alternative coax cable lengths and connector types are also available.

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)