Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

SR24011120D
Wide-Angle Coverage Directional Antenna

2.4-2.5 GHz, 11 dBi, 120° SECTORED AND WIDE-ANGLE COVERAGE DIRECTIONAL ANTENNA

Laird Technologies' 120° wide H-plane sectored antenna offers systems integrators an antenna for use with sectorized base stations when wide-directional pattern characteristics are preferable to omnidirectional pattern characteristics. Enclosed in an attractive UV-stable, weatherproof radome housing, the antenna satisfies indoor aesthetic requirements yet remains rugged enough to withstand outdoor exposures.

Depending on the required coverage area, one to three 120° sectored antennas can be deployed at a base station site. While a single antenna can be wall- or pole-mounted to provide directional coverage, the TM905BRK's mechanical down-tilt mount also allows a customized antenna pattern tilt. The design is electrically and mechanically robust, ensuring a lifetime of stable, trouble-free service, as well as predictable, consistent performance.

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

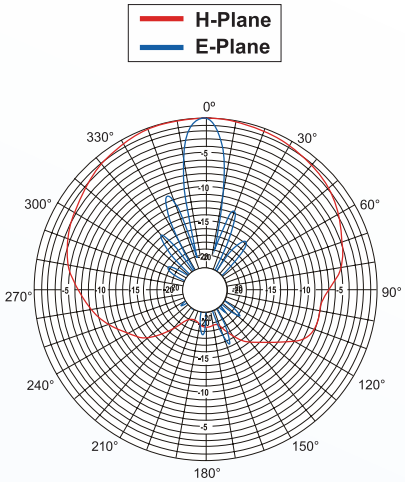
FEATURES ✓RoHS

- Suitable for indoor or outdoor applications
- Articulating mounts available

MARKETS

- WiMAX

PARAMETER	SPECIFICATION
Frequency Range (GHz)	2.4-2.5
Gain (dBi)	11
VSWR	1.5:1
3 dB Beamwidth - E-Plane	13°
3 dB Beamwidth - H-Plane	120°
Polarization	Linear
RF Connector (f)	N
Power (watts)	25 watts
Dimensions	3 x 23 x 2 in (7.6 x 58.4 x 5.1 mm)
Mount Style	Wall



SR24011120D

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