



Radio Waves offers a diverse range of reliable and innovative microwave antennas. Microwave and broadband wireless antennas are available that cover 1.3 GHz to 86 GHz for Point-to-Point, unlicensed ISM, UNII, 802.11 Wi-Fi & 802.16 WiMax broadband wireless bands at 2.4, 3.5, 4.9 and 5 GHz, LMDS, Point-to-Multipoint, millimeter wave and broadcast microwave applications. Radio Waves is known globally for their rapid delivery and reliable microwave antenna designs.

Sector Antennas

Radio Waves offers the widest selection of sector antennas in the industry for point-to-multipoint base station applications. Models are available in the 2.4, 3.5, & 5.8 GHz frequency bands. A variety of beamwidths can be selected, including 60, 90, 120 or 180 degrees. These antennas offer a lightweight and rugged design, and are built for years of trouble-free service. Vertical or horizontal polarization models may be chosen. These antennas include all mounting hardware and can be attached to a 1.75"-4.0" diameter pipe mast.

Grid Antennas

Radio Waves' G-Series parabolic grid antennas feature a lightweight and rugged design for applications that require high gain with a low windload. These heavy-duty grids are available in 3 ft, 4ft and 6 ft diameters, in the unlicensed 2.4-2.5 GHz band. Offering 40% lower windloads than solid parabolic antennas of the same diameter, these grids are an excellent choice for high wind backhaul applications that don't require stringent pattern performance.

Flat Panel & Xcelerator® Antennas

Low profile flat panel antennas offer superior performance in a small and aesthetically pleasing package. These antennas are plane polarized. The polarizations can be changed from vertical to horizontal by simply rotating the antenna 90 degrees on its mount. These flat panels are available in the 4 and 5 GHz frequency bands. The standard mount accommodates a 1"-2.5" pipe mast, while allowing for +/- 25 degrees of elevating adjustment.

Standard Parabolic Antennas

The Sp-Series of Standard performance parabolic antennas from radio Waves are available in 1 ft through 8 ft diameters. These antennas are spun aluminium reflectors with interchangeable feeds that cover the 2.4, 3.5, and 5.2/5.8 GHz frequency bands. The 1 and 2 Ft. antennas are supplied with a mount that can be attached to a 2"- 4.5" pipe mast and features fine adjustments of both azimuth and elevation. The 3 - 8 Ft. antennas can be attached to a 4.5" pipe mast and features fine adjustments of both azimuth and elevation. Optional radomes are available for reduced windloading. Dual polarized and dual band models are also available.

High Performance Antennas

The HP-Series are also available for applications that require superior pattern performance to reduce interference potential.

