

Dish and Yagi Antennas



MAXRAD announced the addition of two complete antenna series to its XtremeWave[®] line of broadband wireless access antennas for the 2.4 GHz and 5.8 GHz ISM bands. The new MPR prime focus parabolic reflector antennas and MYP enclosed yagi antennas will replace all previously offered models in those lines. The XtremeWave MPR series comprises two 2.4 GHz and one 5.8 GHz models offering gains of 21, 25 and 29 dBi respectively. Their new electrical design suppresses unnecessary sidelobes and directs all energy towards their target area of coverage thus minimizing interference and providing outstanding data throughput. They also feature an extremely robust mounting structure in which the mount is bolted to the dish in an eight star pattern, providing a very robust installation and preventing oscillation that could result in signal deterioration. The MYP series includes four models with gain ranges from 10 dBi to 15 dBi at 2.4 GHz frequencies. They feature matched principal plane beamwidths with excellent sidelobe suppression and cross-polarization rejection of more than 20 dB. A 30 dB front-to-back ratio permits less physical separation on the tower thus adding mounting flexibility at installation sites where space is limited. These antennas are field adjustable to allow vertical or horizontal polarization for optimal orientation and no co-channel interference.

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