

## Modular Tri-Sector Antenna Platform

Achieve macro coverage and performance in a small-cell form factor. The Alpha Wireless modular tri-sector antenna platform has the smallest diameter and most cost-effective upgrade path for 5G densification projects.



### APPLICATION

- Deploy this single- or multi-operator 4G and 5G modular platform in a pole-top, rooftop or street-level location
- Get quick zoning and planning approval with attractive integrated antenna design
- Support global 4G (LTE) and 5G NR spectrum in low-band 617-960 MHz, mid-band 1427-2700 MHz and high-band 3300-4200 MHz frequencies

### FEATURES AND BENEFITS

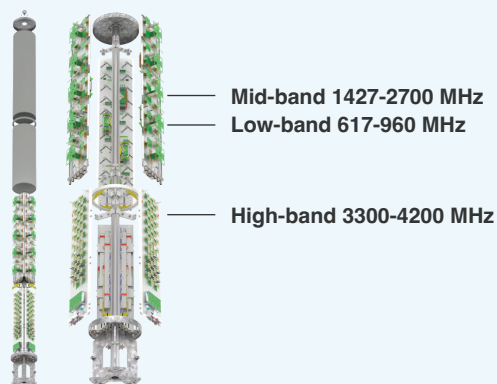
- The Alpha Wireless modular platform enables delivery of 5G speeds with 2T2R and 4T4R in legacy bands and 8T8R beamforming at 3.5 GHz/C-band
- Independent electrical tilt enables precision 5G coverage for in-fill and densification projects
- Our tri-sector antennas ship fully assembled to guarantee factory performance and simplify on-site installation
- A reinforced Tri-Sector antenna platform allows the external mounting of infrastructure on top including 5G Massive MIMO Active Antenna Units (AAUs), decorative lamp posts, and flag poles

### INNOVATIVE TECHNOLOGY

- Our highly-refined tri-sector antenna platform contains decades of structural and manufacturing innovations
- We build our tri-sector antennas with patent-pending Frequency-Transparent Dipole Technology™ (FTDT), interleaving two frequency bands without RF performance degradation or an increase in antenna size



### MULTIBAND AND MULTIPOINT



### MODULARITY AND CUSTOMIZATION



- Alpha Wireless' tri-sector antennas offer modular construction, allowing a combination of different antenna modules from our extensive library of established designs
- Meet or reduce timelines with rapid customization from whiteboard to prototype in 90 days

