

AW3802-T2-H-6G

Innovative dual-beam modular platform for WiFi 6e

Dual Beam 65 degree sector antenna, 18 dBi Gain, 4 ports per sector with 60 degree azimuth separation

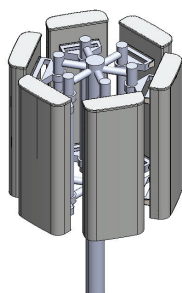
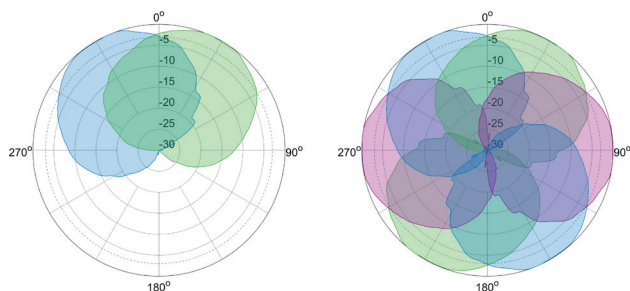
The AW3802-T2-H-6G is an innovative modular platform with a new way to seamlessly integrate Cambium Wi-Fi 6E radios with this passive antenna. Each AW3802-T2-H-6G houses two four port sectors with 60° Azimuth separation. When combined with two other AW3802-T2-H-6G panels positioned at 120° Azimuth separation, this results in 360° Azimuth coverage with sectors positioned at every 60°. The solution reduces the number of attachments on a tower or rooftop, easing zoning approvals, saving on rent and decreasing wind load.



- Mounting points accommodate up to two ePMP Cambium Radios
- Drives consistent performance for both horizontal or vertical polarization to reduce interference
- Optimized for MU-MIMO and maximum throughput with the ePMP3000 and ePMP4000
- Covers Wi-Fi 6E and U-NII 3, 4, 5, & 7 Bands between 5.700 - 6.875 GHz
- Compact solution (25" height x 13" width) that occupies minimal tower space

REDUCES TOWER LOADING AND RENTAL COSTS

- The AW3802 alleviates the challenges of multiple tower or rooftop attachments and their combined wind loads
- A single mounting fixture on the tower reduces wind loading and rental fees



6 x 65° Sector



Alpha Wireless Solution

- Three AW3802 antennas replace the need for six sector panels

SIMPLIFIED INSTALLATION

- The back of the antenna housing features a sturdy mounting fixture and a hood to securely mount the two Cambium ePMP3000 and ePMP4000
- The mounting fixture streamlines installation and the hood protects the radio and connectors from weather
- Simplified zoning & network planning



PROVIDES CAPACITY AND COVERAGE FOR MULTIPLE SCENARIOS

REDUCES RENTAL FEES AND NETWORK SITE COUNT, DECREASING OVERALL TCO AND CAPITAL EXPENDITURES

IMPROVED NETWORK PERFORMANCE AND HIGHER SERVICE LEVELS DECREASE CUSTOMER CHURN

ATTRACTIVE PRICE POINT FOR DUAL-SECTOR DEPLOYMENTS