

RAM®

PeakNet
A DUKE ENERGY COMPANY

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Awi

AbramsWireless.com

AeroSolutions LLC
AeroSolutionsLLC.com

Private LTE Grid Modernization - New Grid Twr. w/Retractable Antenna Mast



To learn more about the RAM®, contact info@aerosolutionsllc.com

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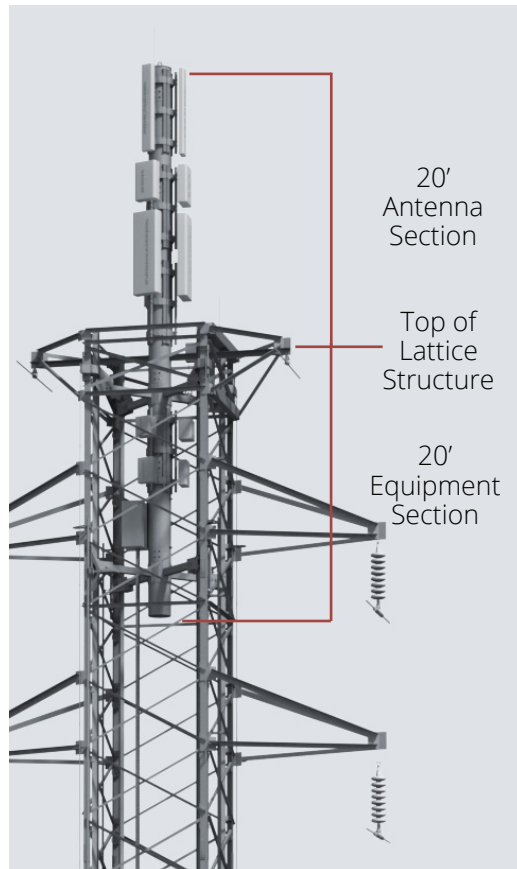
RAM® Overview

Retractable Antenna Mast: Transmission Tower

The Retractable Antenna Mast (RAM®) system by Aero Solutions LLC combines the functionality of a utility transmission tower with our proprietary raising and lowering 'retractable' antenna mounted mast. The developed technology provides ground-level access to wireless facilities collocated on the transmission structures which eliminates the need to de-energize high voltage circuits for wireless site maintenance. The RAM® allows wireless operators to easily maintain and upgrade equipment at any time without working around utility schedules for circuit outages.

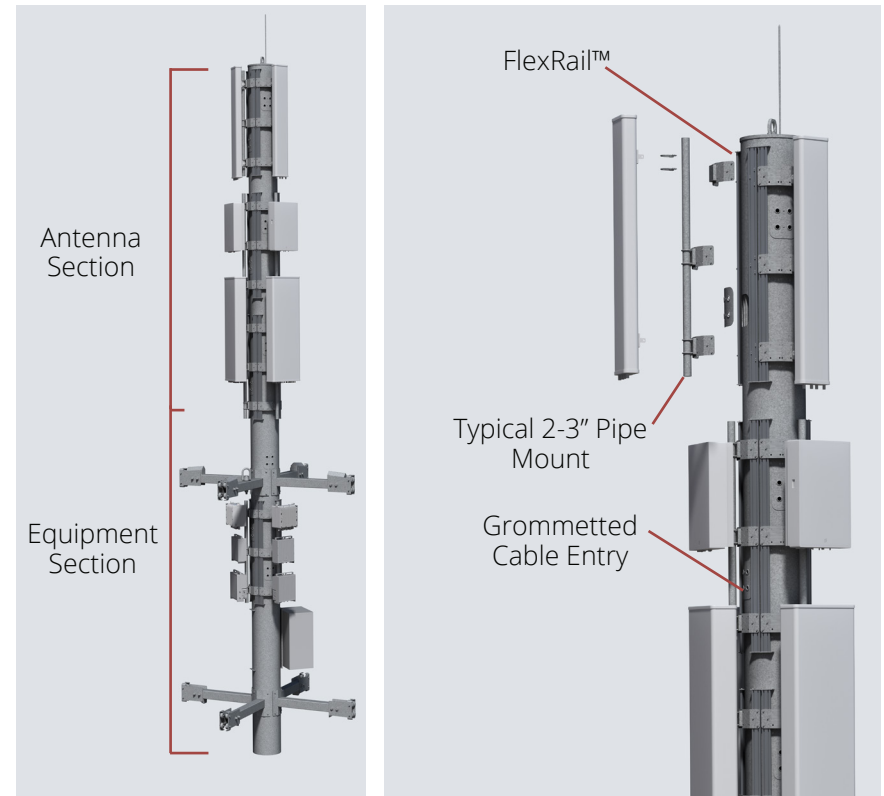


Maintenance Position



Operation Position

Antenna Mast



- **Antenna Section** sits above tower in Operation Position and allows for mounting of AIR Units and Panel Antennas in up to 4 sectors at any desired azimuths.
- **Equipment Section** sits inside tower in Operation Position and allows for installation of Remote Radio Heads in close proximity to the antennas, minimizing coax runs.
- **Grommetted Cable Entry Points** allow for internal cable routing, keeping cable runs protected and concealed.
- **FlexRail™ System** provides flexibility for future equipment and can be easily adapted to any mounting scheme.
- **Typical 2-3" Pipe Mounts** provide low-profile attachment points with angle adjustability.