

Ground Shoe Compact mast MUM45

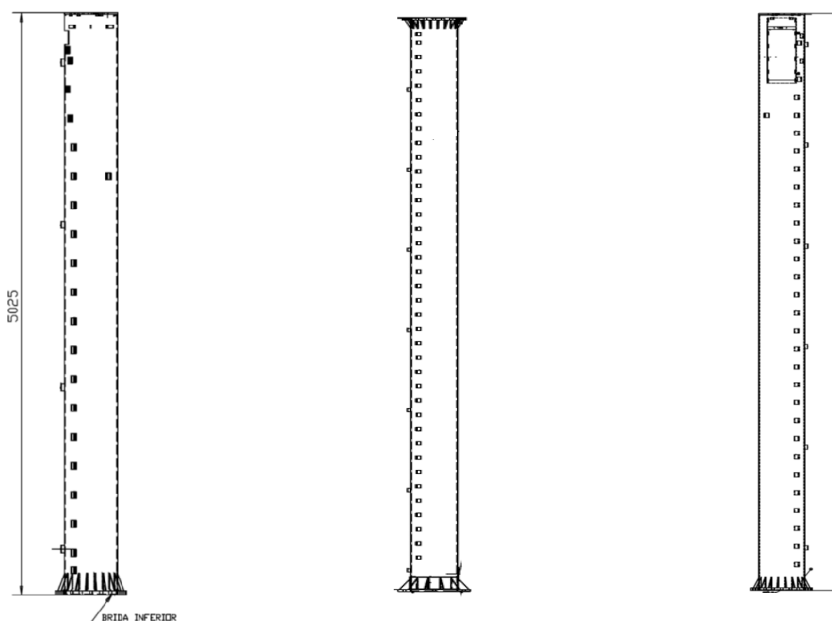
- Low visual impact
- Diameter = 450mm
- Modular design
- Heights up from 6 to 18m

Main characteristics

Minimum visual impact	It is possible to minimize the visual impact integrating the antenna and mast diameter
Accessibility	Easy access to the connectors, azimuth and tilt area. Quick release doors and existence of removable "pates" around the junction of the last section to provide access to all three sectors. And both module doors are prepared for installation of TMAs.
Double azimuth	All of our antennas have global azimuth between -50° and $+50^\circ$, and independent azimuth per sector that could be varied because of the type of installed antenna.
Multisector configuration	One-sector, bisector 120° , bisector 180° .
Variable Electrical Tilt, with RET (Remote Electrical Tilt)	Antennas are prepared to be installed with external or internal RET
Security System	GAME SYSTEM (vertical lifeline safety system) included in all of the sites where necessary

Configuration types

1 stretch	Designed for less than 12 m solutions
2 stretches	Two sections designed for greater than 12m solutions



Antenna access types

With a crane



With removable steps



With fixed steps



Different diameter transitions

635mm diameter antennas



450mm diameter antennas



Parameters

Maximum deviation allowed under 1,5°	Wind speed 165 Km/h
Max. wind speed	200Km/h
Mast leveling	Capacity leveling up to 3°
NBAE	< 150Kg/m2

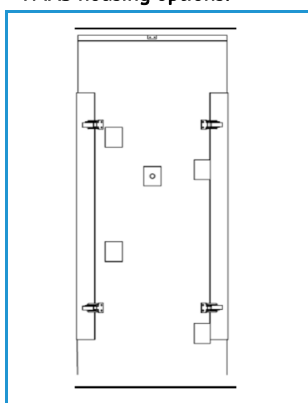
Advantages

Lower visual impact on urban sites.
Cables, RET and TMA located on the mast.
Modularity: Heights depending on the sites
Valid for 450 or 635 Telnet antennas
Low cost of installation and maintenance.
Safety system included in the mast.

Types of installation to small concrete basement:



TMAS housing options:



Contact Information

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