



FIMO



Building Sustainable Innovation

**PRODUCT
CATALOG**
TOME 3

WELCOME TO THE NEW EDITION OF OUR INTERACTIVE CATALOG!

We are delighted to present our latest product catalog, designed to offer you a smooth and intuitive experience. Explore our product ranges with interactive features designed to simplify your navigation.

An interactive design: when you hover over the buttons, they change color and become grey, giving you immediate and pleasant visual feedback.

Examples:



This arrow indicates an interactive element.



RACK SUPPORTS



Click to access the page

NOM DU PRODUIT



NOM DU PRODUIT



Click to return to the beginning and quickly reach the interactive summary

Dive into this universe and easily discover everything we have to offer you. Enjoy your exploration!

Don't hesitate to share your impressions.



Click!

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PICTOGRAMS

The products provided with a calculation note meet the following Eurocode criteria:

WIND ZONE



Base reference wind speed values 48,0 by region

Region 1: 22 m/s
Region 2: 24 m/s
Region 3: 26 m/s
Region 4: 28 m/s
Region 5 - Guadeloupe: 36 m/s
Region 5 - Guyane: 17 m/s
Region 5 - Martinique: 32 m/s
Region 5 - Reunion: 34 m/s

LAND CATEGORIES

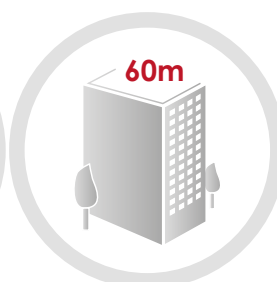
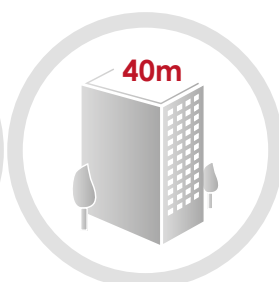
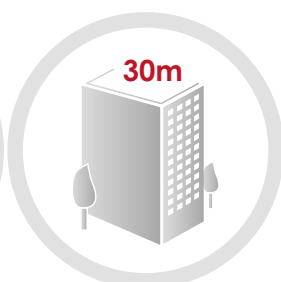
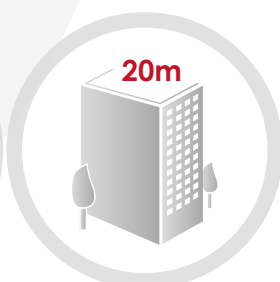
Urban area



All categories
(including seaside)

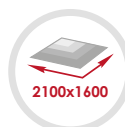


MAXIMUM BUILDING HEIGHT



If your criteria do not exactly match the calculation note, do not hesitate to ask for validation.

CHARACTERISTICS



Ground clearance in mm



Total product weight without the equipment in kg



Products handled manually

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TUBES

Ø48.3	90
Ø60.3	90
Ø76.1	90
Ø88.9	91
Ø114.3	91
Ø139.7	91

PADS

Height: 300, 400 and 500 mm	92
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MASTS

Ø114.3	94
Ø88.9	94
Ø48.3	96
Ø60.3	98
Ø76.1	98
Ø139.7	99

SAFETY

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ACCESS

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90

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SELF-STANDING SOLUTIONS

FOR EASY INSTALLATION ON FLAT ROOFS



BALLASTS

Plastimodul	4
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Elastomer slab	5



ANTENNA SUPPORTS

Dual coplanar antennas	6
Modulite - high height antennas	8
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RACK SUPPORTS

BCUBE or equivalent	14
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RRU/RRH SUPPORTS

Mounting racks	22
Mounting masts	26



FH SUPPORTS

FH30 and FH60	32
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TD SUPPORTS

TD and mini TD cabinets	38
Maxi TD cabinets	40



GPS SUPPORTS

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BALLASTS

PLASTIMODUL



Facilitates stacking of slabs



Resilient:
waterproofing protection mat

FIMO SLAB



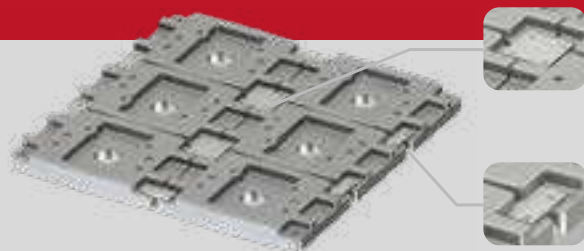
100 % concrete

Sockets for hexagon screws



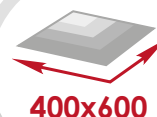
**The FIMO slab is the evolution of the Plastimodul.
It offers many advantages:**

- » More eco-friendly
- » Easy to handle and grip
- » Simple to assemble and maintain
- » Aesthetic design
- » Resilient layer provided

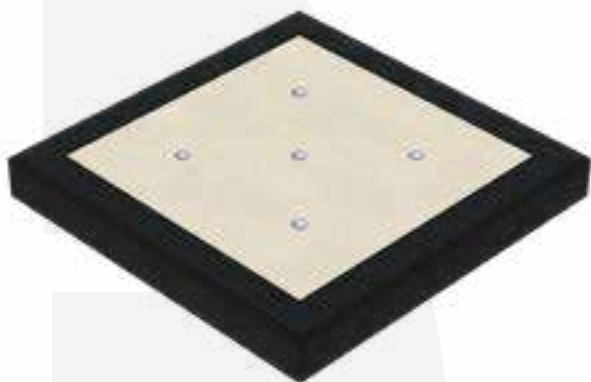


Plates for connecting slabs

CHARACTERISTICS



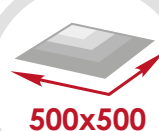
ELASTOMER SLAB



- » **Anti-vibration**
- » **Protects roof waterproofing (no protection mat needed)**
- » **Made from 100% recycled tire elastomer**



CHARACTERISTICS



FOR MORE
INFORMATION

ANTENNA SUPPORTS

DUAL COPLANAR ANTENNAS

WHERE?

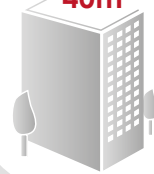
1>3



3B>4



40m



FOR WHAT?

✓ For 4G and 5G antennas - ground-level maintenance



» 1 Mast Ø114 mm H2000 mm

✓ 4G and 5G - high position



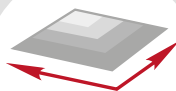
» 1 Mast Ø114 mm H3500 mm

CHARACTERISTICS



1117

KG



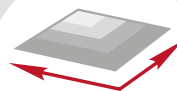
2950x3000

CHARACTERISTICS



1142

KG



2950x3000



- » Kit for on-site assembly or pre-assembled option
- » Antenna High Height (HHA): 4 m
- » Calculation note provided



OPTIONS

✓ 4G and 5G -high positioning and ground-level maintenance

- » 2 Masts Ø114 mm H2000 mm
- » 4 antenna orientation mounting options

✓ Aluminum guardrails



✓ Grating walkway



CHARACTERISTICS

1062
KG

2950x3000

ANTENNA SUPPORTS

MODULITE - HIGH-HEIGHT ANTENNAS

WHERE?

1>2



3B>4



40m



FOR WHAT?

ANTENNA HEIGHT: 2700 MM

✓ Height 2700 mm: 1 antenna up to L305 mm



MODULITE A1

- » 1 Mast Ø114 H2000 mm
- » 12 Ballasts

✓ Height 2700 mm: 2 antennas up to L305 mm



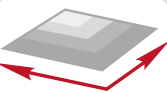
MODULITE A3

- » 1 Mast Ø114 H2000 mm
- » 20 Ballasts

CHARACTERISTICS

447

KG

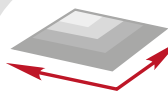


2400x1200

CHARACTERISTICS

740

KG



2400x2400



- » Kit for on-site assembly or pre-assembled
- » Antenna High Height: 4 meters
- » Calculation note provided



To install an integration
stack



ANTENNA HEIGHT: 2750 MM

✓ Height 2750 mm: 1 antenna
up to L470 mm



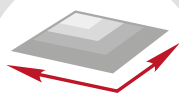
MODULITE B1

- » 1 Mast Ø114 H2000 mm
- » 14 Ballasts

CHARACTERISTICS



KG



2850x1250

✓ Height 2750 mm: 2 antennas
up to L470 mm



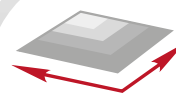
MODULITE B3

- » 1 Mast Ø114 H2000 mm
- » 20 Ballasts

CHARACTERISTICS



KG



2450x2450

ANTENNA SUPPORTS

MODULITE - HIGH-HEIGHT ANTENNAS

WHERE?

1>3



0>4



30m



FOR WHAT?

✓ Height 2700 mm: 1 antenna up to L305



MODULITE A2

- » 1 Mast Ø114 H2000 mm
- » 18 Ballasts

✓ Height 2750 mm: 1 antenna up to L470



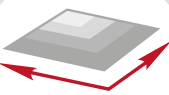
MODULITE B2

- » 1 Mast Ø114 H2000 mm
- » 24 Ballasts

CHARACTERISTICS

663

KG

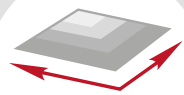


2400x1800

CHARACTERISTICS

895

KG



3250x1850



- » Kit for on-site assembly or pre-assembled option
- » Antenna High Height (HHA): 4 m
- » Structural calculation note provided



To install an
integration stack



OPTIONS

✓ Aluminium or composite guardrails



✓ Anchor points



ELASTOMERIC ANTENNA SUPPORTS AVAILABLE



ANTENNA SUPPORTS



MATLITE V2

WHERE?

1>3



0>4



30m



FOR WHAT?

4G AND 5G ANTENNAS

7 POSSIBLE CONFIGURATIONS

2 M MAST + ANTENNA OFFSET

OR

4 M MAST

To find the solution best suited to my needs.



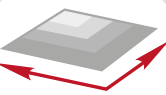
Example - Configurations 4 includes:

- » 1 Mast Ø114 Height 2000 mm
- » 4 sets of 4 ballast pads
- » All optional features included

CHARACTERISTICS

737

KG



3000x3500

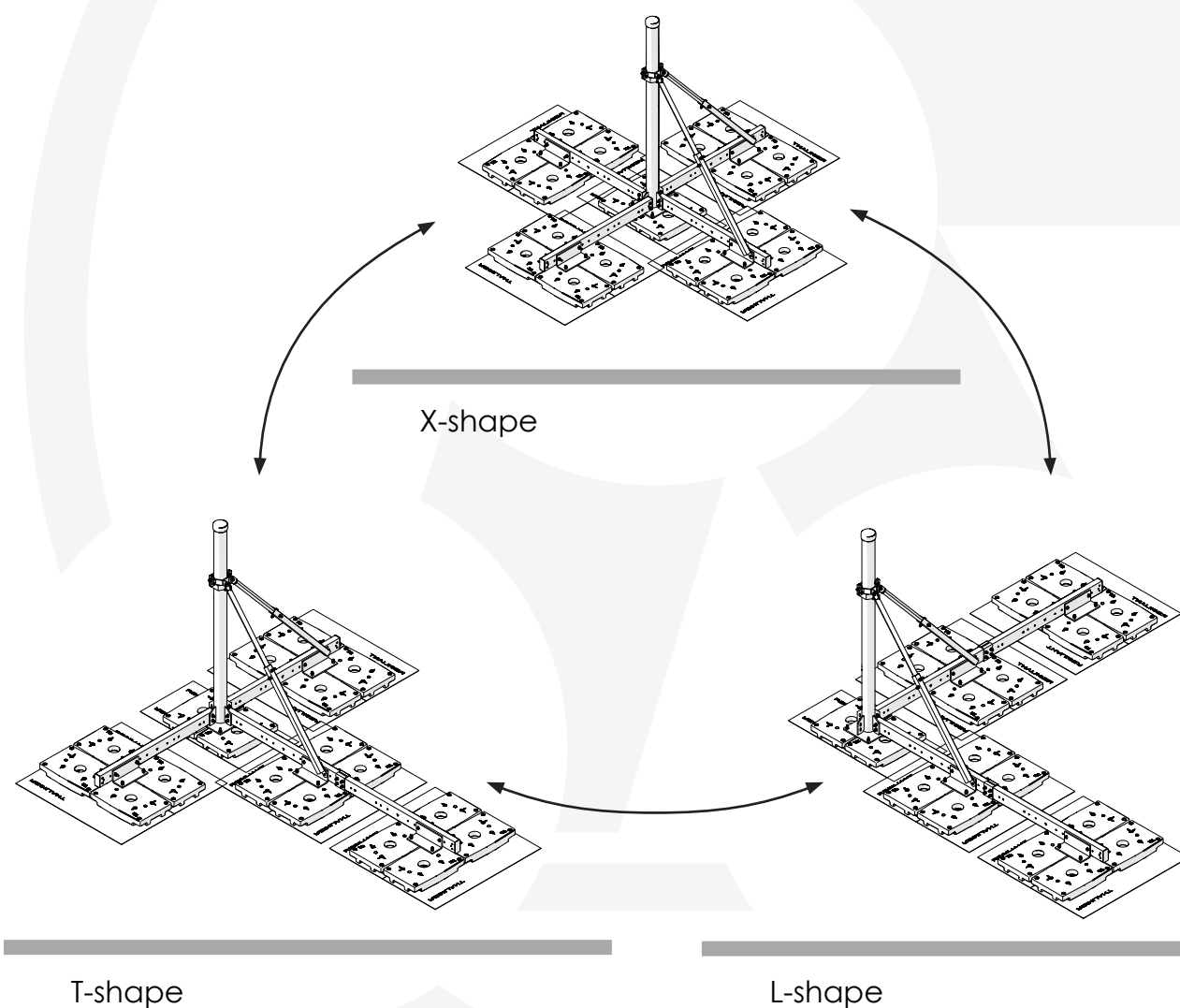


The matlite V2 is available in 7 configurations
The claims can be installed in:

- » X-shape: for rooftop flat
- » T-shape: for rooftop edge
- » L-shape: for rooftop corner



- » Kit for on-site assembly or pre-assembled option
- » Possibility to add up to 2 mast supports for FH and/or RRU/RRH equipment
- » Calculation note included



RACK SUPPORTS

BCUBE OR EQUIVALENT

WHERE?

$1 > 2$



$3B > 4$



40m



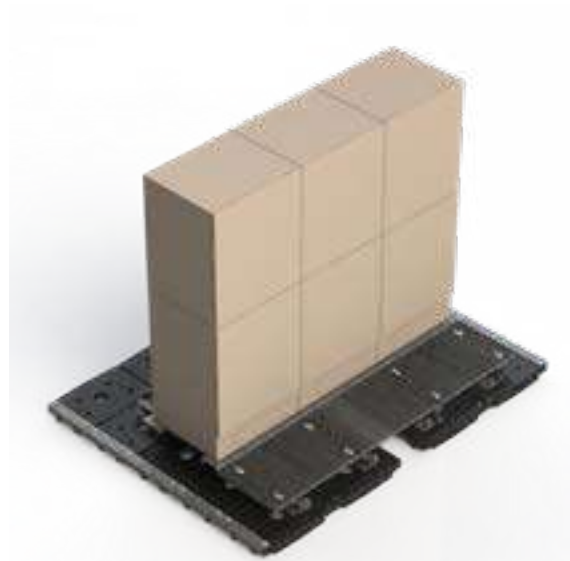
FOR WHAT?

✓ 4 Racks



- » Galvanized steel structure
- » 6 Ballasts
- » Grating included

✓ 6 Racks

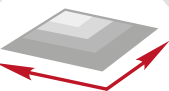


- » Galvanized steel structure
- » 20 Ballasts
- » Grating included

CHARACTERISTICS

290

KG

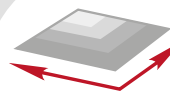


2100x1600

CHARACTERISTICS

796

KG



2600x2000



- » Kit to be assembled on-site
- » Installation time: 20 to 50 minutes by 1 person
- » Calculation note provided



WHERE?

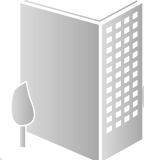
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0>4

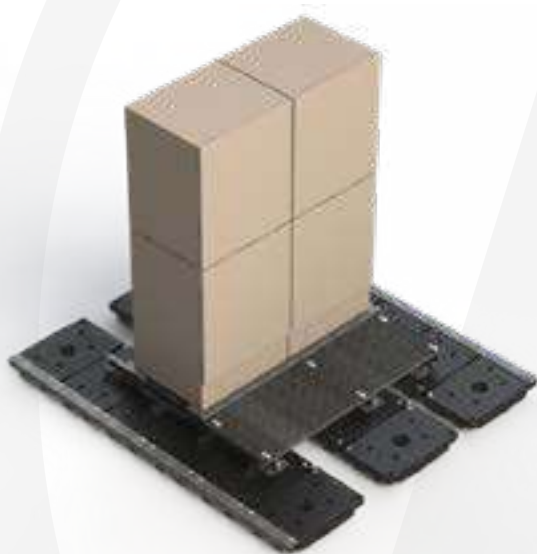


30m



FOR WHAT?

✓ 4 Racks



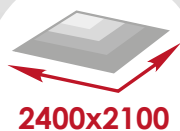
- » Galvanized steel structure
- » 18 Lests
- » Grating included

✓ 1 Rack:



- » Galvanized steel structure
- » 4 Elastomer slabs

CHARACTERISTICS



RACK SUPPORTS



TECHNICAL AREAS

WHERE?

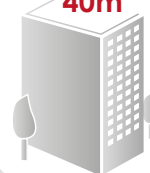
1>2



3B>4



40m



FOR WHAT?

✓ 1 Rack

✓ 2 Racks side by side

- » Galvanized steel structure
- » 4 Elastomer slabs

- » Galvanized steel structure
- » 4 Elastomer slabs

CHARACTERISTICS

151

KG

2100x1400

173

KG

2100x1400



- » Kit to be assembled on-site
- » Assembly time: 20 to 50 minutes by 1 person
- » Calculation note provided



PRODUCT VARIANTS

✓ 2 Racks superposed

✓ Mast equipment support



**44
KG**

- » Galvanized steel structure
- » 6 Elastomer slabs

CHARACTERISTICS

**205
KG**

2100x1400

FOR MORE
INFORMATION



RACK SUPPORTS

TECHNICAL AREAS

WHERE?

1>2

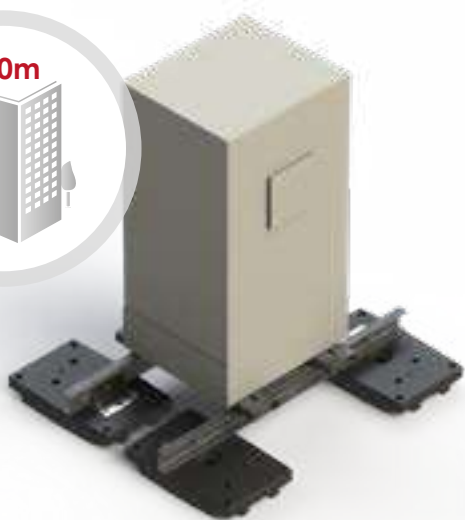
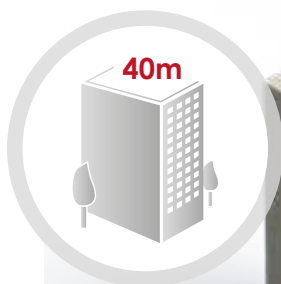


3B>4



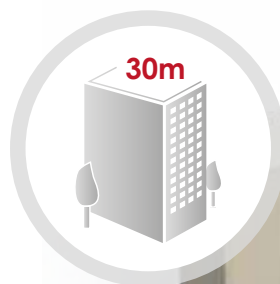
FOR WHAT?

✓ 1 Rack



- » Galvanized steel structure
- » 4 Ballasts

✓ 1 Rack TLTI + 2 Racks LRO

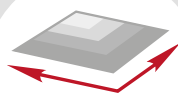


- » Galvanized steel structure
- » 6 Ballasts
- » Grating included

CHARACTERISTICS

178

KG

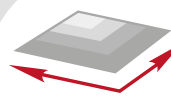


1400x1400

CHARACTERISTICS

523

KG



2800x1600



- » Kit to be assembled on-site
- » Assembly time: 20 to 50 minutes by 1 person
- » Calculation note provided



WHERE?



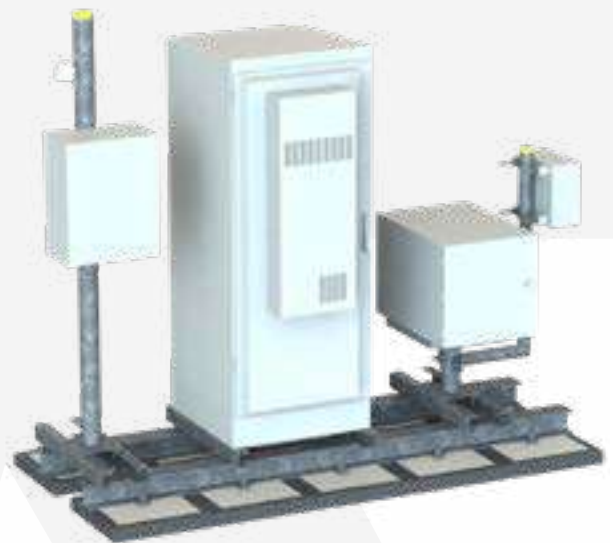
FOR WHAT?

✓ 1 Rack



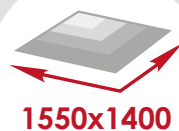
- » Galvanized steel structure
- » 6 Ballasts

✓ 1 Rack + other equipment



- » Galvanized steel structure
- » 10 Elastomer slabs

CHARACTERISTICS



FOR MORE
INFORMATION



RACK SUPPORTS



TECHNICAL AREAS

WHERE?

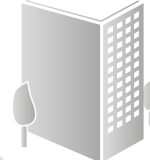
1>3



0>4



30m



FOR WHAT?

✓ 1 Rack

✓ 2 Racks side by side

- » Galvanized steel structure
- » 9 Elastomer slabs

- » Galvanized steel structure
- » 9 Elastomer slabs

CHARACTERISTICS

319

KG

2200x2100

CHARACTERISTICS

319

KG

2200x2100



- » Kit to be assembled on-site
- » Assembly time: 20 to 50 minutes
- » Calculation note provided



PRODUCT VARIANTS

✓ 2 Racks superposed

✓ Mast equipment supports

- » Galvanized steel structure
- » 11 Elastomer slabs



35
KG

✓ Gratings included



CHARACTERISTICS

373
KG

2200x2200

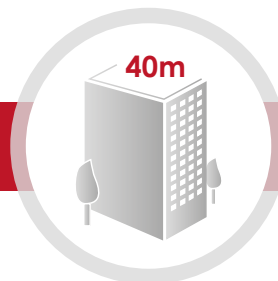
FOR MORE
INFORMATION



RRU/RRH SUPPORTS

MOUNTING RACKS

WHERE?



FOR WHAT?

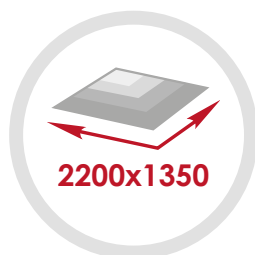
✓ 1 to 16 RRU/RRH

✓ 1 to 12 RRU/RRH

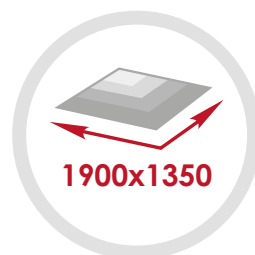
- » Galvanized steel structure
- » 6 Ballasts

- » Galvanized steel structure
- » 4 Ballasts

CHARACTERISTICS



CHARACTERISTICS





Racks are a support system designed to optimize space and accomodate more equipment.



- » Kit to be assembled on-site
- » Quick installation by 1 person
- » Fully dismantlable structure
- » Calculation note provided

✓ **6 or 12 RRU/RRH**

VARIOUS ADDITIONAL OPTIONS OF RACK SUPPORTS AVAILABLE

To find the solution best suited to my needs.



- » Galvanized steel structure
- » 4 Ballasts

CHARACTERISTICS

167
KG

1900x800

RRU/RRH SUPPORTS

MOUNTING RACKS

WHERE?



FOR WHAT?

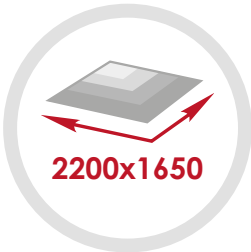
✓ 1 to 16 RRU/RRH

✓ 1 to 12 RRU/RRH

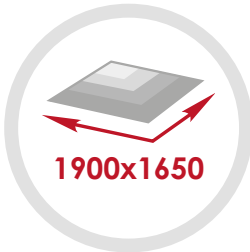
- » Galvanized steel structure
- » 8 Ballasts

- » Galvanized steel structure
- » 6 Ballasts

CHARACTERISTICS



CHARACTERISTICS





Racks are a support system designed to optimize space and accomodate more equipment.



- » Kit to be assembled on-site
- » Quick installation by 1 person
- » Fully dismantlable structure
- » Calculation note provided

✓ **6 or 12 RRU/RRH**

VARIOUS ADDITIONAL OPTIONS OF RACK SUPPORTS AVAILABLE

To find the solution best suited
to my needs.

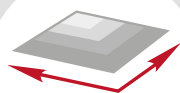


- » Galvanized steel structure
- » 4 Ballasts

CHARACTERISTICS



KG

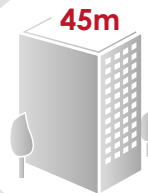


1900x800

RRU/RRH SUPPORTS

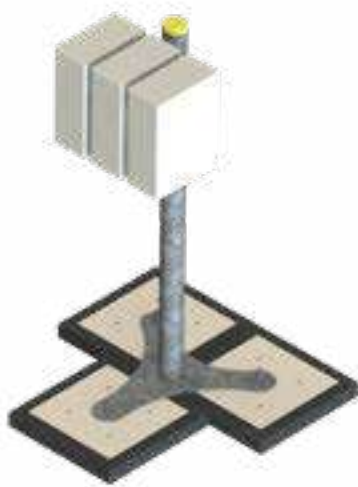
MOUNTING MASTS

WHERE?



FOR WHAT?

✓ 3 RRU/RRH + 1 Hybrid enclosure



FOR MORE
INFORMATION

- » Mast Ø90 mm H1500 mm
- » 3 Elastomer slabs



The self-standing masts are the most versatile solution.



- » Kit to be assembled on-site
- » Fast installation by 1 person
- » Hybrid box mounting possible
- » Calculation note provided

WHERE?



FOR WHAT?

✓ 3 RRU/RRH + 1 Hybrid enclosure



- » Mast Ø90 mm H1500 mm
- » 6 Elastomer slabs

VARIOUS ADDITIONAL OPTIONS OF MAST SUPPORTS AVAILABLE

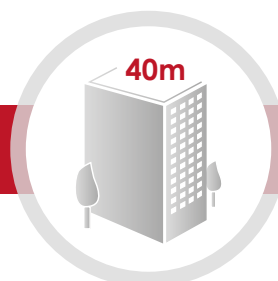
To find the solution best suited to
my needs.



RRU/RRH SUPPORTS

MOUNTING MASTS

WHERE?



FOR WHAT?

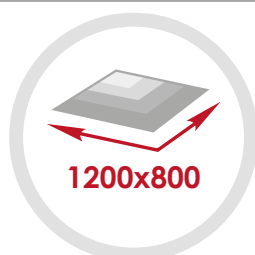
✓ 1 to 8 RRU/RRH

✓ 6 RRU/RRH

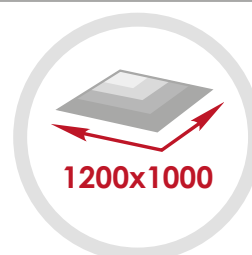
- » Mast Ø90 mm H1200 mm
- » 3 Ballasts
- » H max RRU 900

- » Mast Ø90 mm H1500 mm
- » 4 Ballasts
- » H max RRU 1400

CHARACTERISTICS



CHARACTERISTICS





The self-standing masts are the most versatile solution.



- » Kit to be assembled on-site
- » Fast installation by 1 person
- » Hybrid CH and DPX boxes possible
- » Calculation note provided

✓ 4, 6 or 8 RRU/RRH

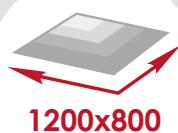
VARIOUS ADDITIONAL OPTIONS OF MAST SUPPORTS AVAILABLE

To find the solution best suited to
my needs.



- » Mast Ø90 mm H1200 mm
- » 4 Ballasts
- » H maxi RRU 900

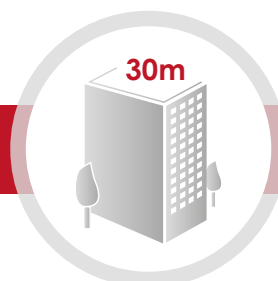
CHARACTERISTICS



RRU/RRH SUPPORTS

MOUNTING MASTS

WHERE?



FOR WHAT?

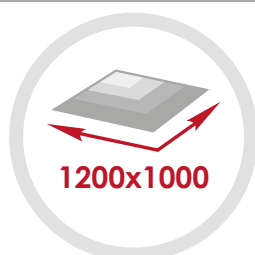
✓ 1 to 8 RRU/RRH

✓ 6 RRU/RRH

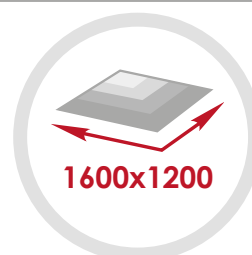
- » Mast Ø90 H1000 mm
- » 4 Ballasts
- » H max RRU 900

- » Mast Ø90 H1500 mm
- » 6 Ballasts
- » H max RRU 1400

CHARACTERISTICS



CHARACTERISTICS





The self-standing masts are the most versatile solution.



- » Kit to be assembled on-site
- » Fast installation by 1 person
- » Hybrid CH and DPX boxes possible
- » Calculation note provided

✓ 4 , 6 or 8 RRU/RRH

VARIOUS ADDITIONAL OPTIONS OF MAST SUPPORTS AVAILABLE

To find the solution best suited to
my needs.



- » Mast Ø90 H1200 mm
- » 6 Ballasts
- » H maxi RRU 900

CHARACTERISTICS

220
KG

12001200

FH SUPPORTS

FH30 AND FH60

WHERE?

1>2



3B>4



40m



FOR WHAT?

✓ 1 or 2 FH Ø380mm max

✓ 1 FH Ø700mm max



- » Mast Ø114 H1600 mm
- » 4 Ballasts

- » Mast Ø114 H2000 mm
- » 8 Ballasts
- » H max FH 1900

CHARACTERISTICS

156

KG

1200x800

306

KG

2000x1200



- » Kit to be assembled on-site
- » Installation time: 10-15 min by person
- » Calculation note provided
- » Multiple mounting configurations available (e.g., dual FH or FH + ODU)



OPTIONS

✓ Guardrails



FOR MORE
INFORMATION



OR

- » Aluminum guardrails
- » Composite guardrails

FH SUPPORTS

FH30 ET FH60

WHERE?



FOR WHAT?

✓ 1 FH Ø380mm max



FOR MORE
INFORMATION

- » Mast Ø114 mm H1800 mm
- » 8 Elastomer slabs



- » Kit to be assembled on-site
- » Installation time: 10-15 min by person
- » Calculation note provided
- » Multiple mounting configurations available (e.g., dual FH or FH + ODU)

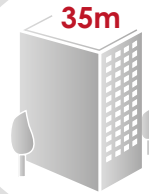


WHERE?

1>3



35m



FOR WHAT?

✓ 1 FH Ø380mm max



FOR MORE
INFORMATION

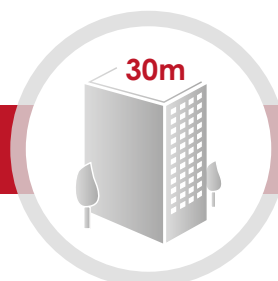


- » Mast Ø114 mm H2000 mm
- » 9 Elastomer slabs

FH SUPPORTS

FH30 ET FH60

WHERE?



FOR WHAT?

✓ 1 or 2 FH Ø380mm max

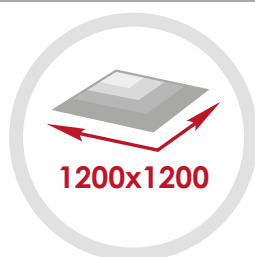
✓ 1 FH Ø700mm max



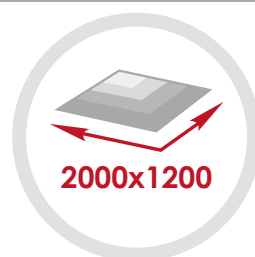
- » Mast Ø114 mm H1600 mm
- » 6 Ballasts

- » Mast Ø114 H2000 mm
- » 10 Ballasts
- » H max FH 1900 mm

CHARACTERISTICS



CHARACTERISTICS





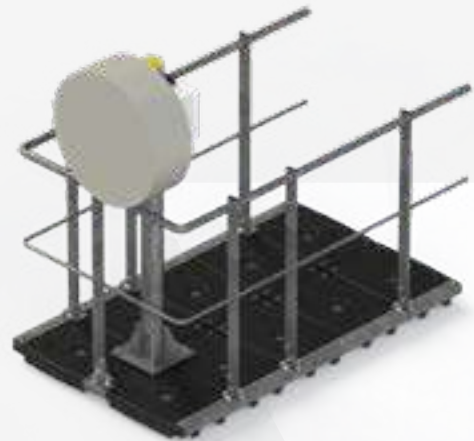
- » Kit to be assembled on-site
- » Installation time: 10-15 min by person
- » Calculation note provided
- » Multiple mounting configurations available (e.g., dual FH or FH + ODU)



OPTIONS

✓ 1 FH Ø398mm + 4 ODU max

✓ Guardrails



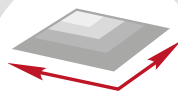
- » Mast Ø114 H1600 mm
- » 6 Ballasts

- » Aluminium guardrails
or
- » Composite guardrails

CHARACTERISTICS



232
KG



12001200

TD SUPPORTS

TD AND MINI TD CABINETS

WHERE?



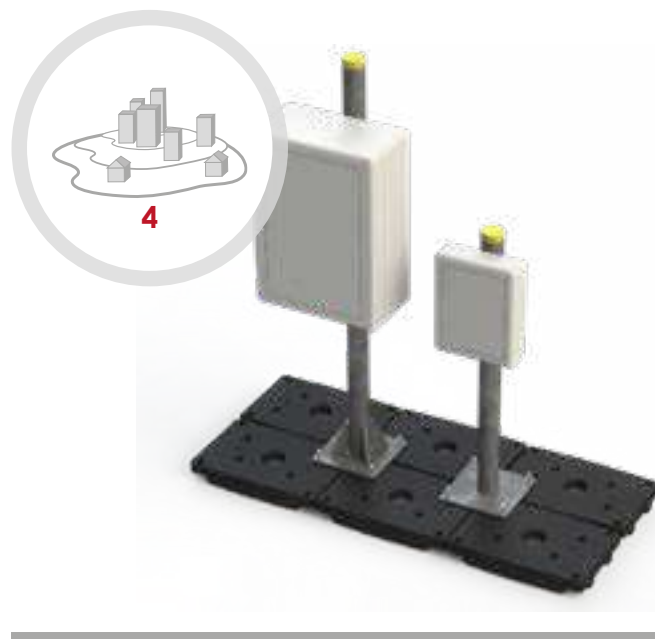
FOR WHAT?

✓ 1 TD



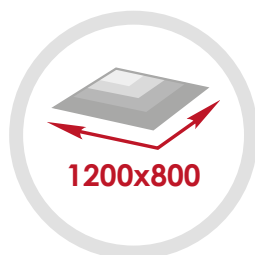
- or
- » Mast Ø90 H2000 mm
 - » Mast Ø114 H2000 mm
 - » 4 Ballasts

✓ 1 TD + 1 Mini TD

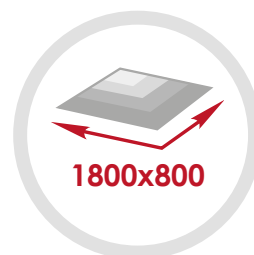


- and
- » Mast Ø90 H2000 mm
 - » Mast Ø114 H1200 mm
 - » 6 Ballasts

CHARACTERISTICS



CHARACTERISTICS





- » Kit to be assembled on-site
- » Installation time: 10-15 min by person
- » Calculation note provided
- » Multiple mounting configurations available (e.g., dual FH or FH + ODU)

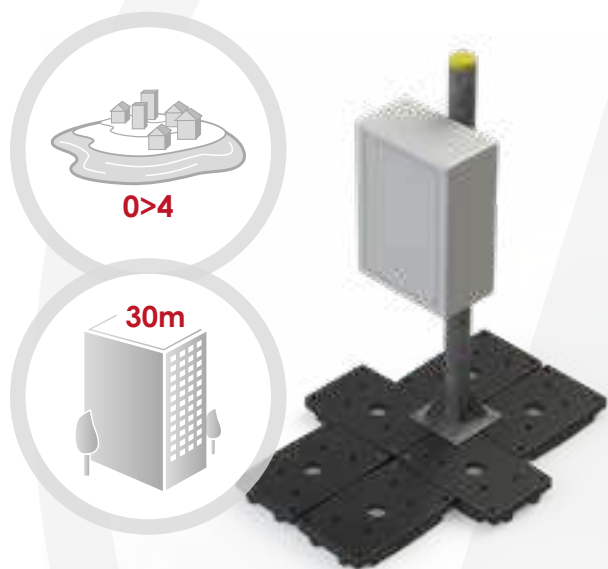


WHERE?



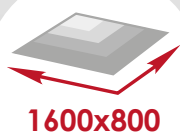
FOR WHAT?

✓ 1 TD

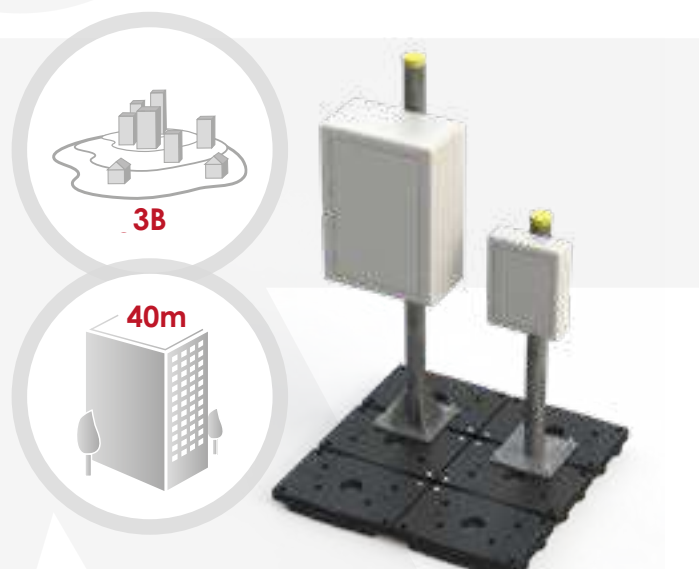


- or
- » Mast Ø90 H2000 mm
 - » Mast Ø114 H2000 mm
 - » 6 Ballasts

CHARACTERISTICS

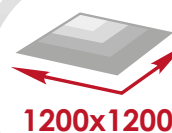


✓ 1 TD + 1 Mini TD



- and
- » Mast Ø90 H2000 mm
 - » Mast Ø114 H1200 mm
 - » 6 Ballasts

CHARACTERISTICS



TD SUPPORTS



TD MAXI CABINETS

WHERE?

1>2



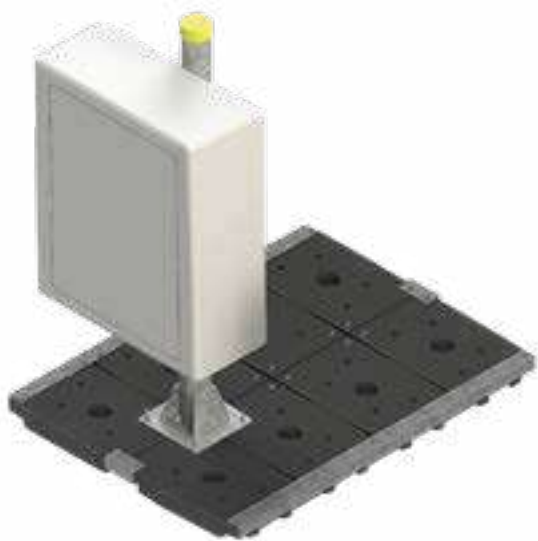
3B>4



40m



✓ 1 Max TD



FOR MORE
INFORMATION

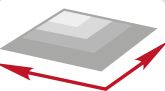


- » Mast Ø114 mm, H2000 mm
- » 8 Ballasts

CHARACTERISTICS

317

KG



1200x1600



- » Kit to be assembled on-site
- » Installation time: 10-15 min by person
- » Calculation note provided
- » Multiple mounting configurations available (e.g., dual FH or FH + ODU)



WHERE?



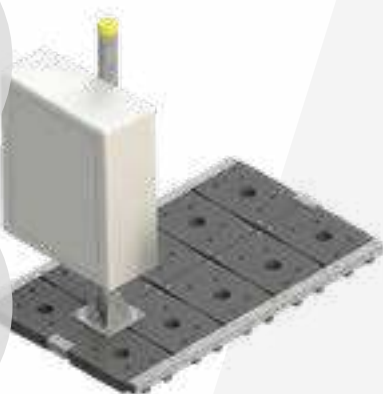
FOR WHAT?

✓ 1 Maxi TD



0>4

30m



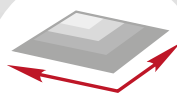
- » Mast Ø114 mm H2000 mm
- » 10 Ballasts

CHARACTERISTICS



390

KG



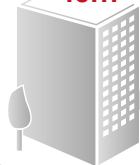
1200x2000

✓ 1 Maxi TD + 1 TD



3B

40m



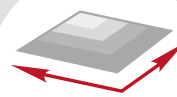
- » 2 Masts Ø114 H2000 mm
- » 12 Ballasts

CHARACTERISTICS



488

KG



1600x1800

GPS SUPPORTS

GPS ANTENNA

WHERE?

1>3



0>4



30m



- » Mast Ø48 H1500 mm
- » 3 Ballasts



- » Mast Ø48 H2000 mm
- » 3 Ballasts

CHARACTERISTICS

109

KG

1200x800

110

KG

1200x800



- » Kit to be assembled on-site
- » Installation time: ~15 minutes by one person
- » Calculation note provided
- » Multiple mounting configurations available (e.g., dual FH or FH + ODU)



FOR MORE
INFORMATION

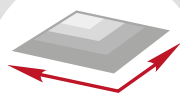


- » Mast Ø48 H2500 mm
- » 4 Ballasts

CHARACTERISTICS



144
KG



1200x1000



MOUNTABLE SOLUTIONS

FOR MOUNTING ON THE WALL, ON SLABS OR PADS



ANTENNAS SUPPORTS

Mounting mast on existing structure	46
Mounting mast on parapet	47
Wall-mounted masts	48



FIXED MASTS

Mounting masts	49
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RACK SUPPORTS

Flexi NSN, AMOD rack	50
8x8 base	51
BCUBE or equivalent	52



RRU/RRH SUPPORTS

Mounting racks	53
Mounting masts	56



GPS ANTENNA SUPPORTS

Wall mounting	58
Mounting on BCUBE	58
Mast mounting	59



MULTI-EQUIPMENT SUPPORT

Multi-support station	60
-----------------------	----

ANTENNA SUPPORTS

MOUNTING MAST ON EXISTING STRUCTURE

WHERE?

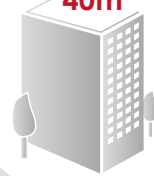
1>2



3B>4



40m



FOR WHAT?

✓ 1 5G Antenna



- » Validation of load descent at the mast base by a provided calculation note
- » Quick installation by 1 person

The existing structure must be validated by a design office

- » Mast Ø114 H2000 mm
- » Backing plate

CHARACTERISTICS

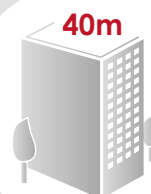
36

KG



MOUNTING MAST ON PARAPET

WHERE?



FOR WHAT?

✓ 1 5G Antenna



- » Calculation note provided
- » Quick installation by 1 person

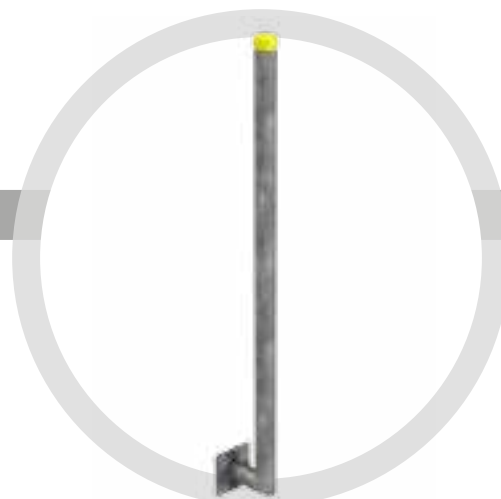


- » Mast Ø90 H2000 mm
- » Offset 250 mm

FOR MORE
INFORMATION



CHARACTERISTICS



ANTENNA SUPPORTS

WALL-MOUNTED MASTS

WHERE?

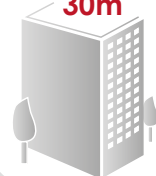
1>3



0>4

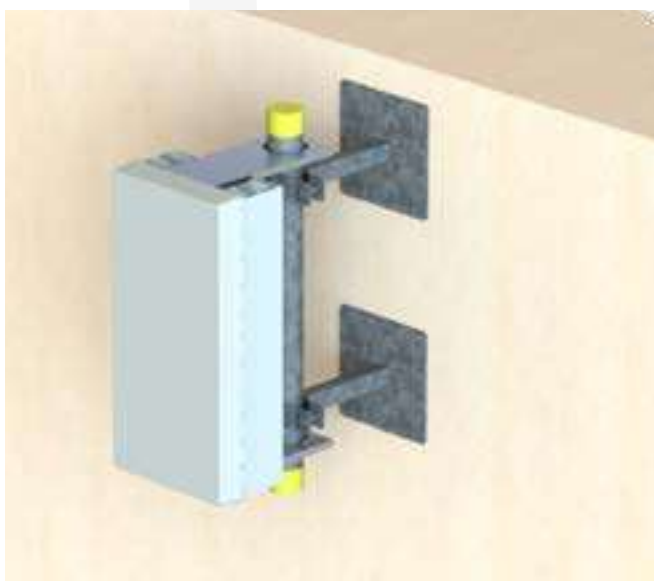


30m



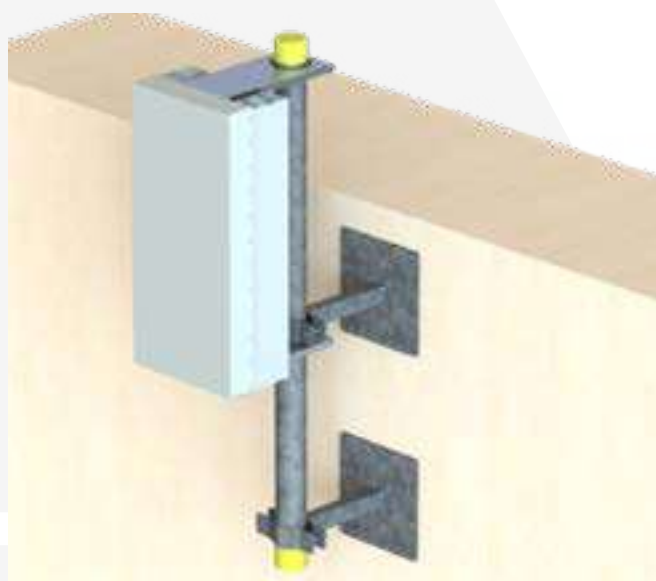
FOR WHAT?

✓ 1 5G Antenna



- » Tube Ø90 H1000 mm
- » 2 offset arms 300 mm
- » Plate 300x300 mm

✓ 1 5G Antenna



- » Tube Ø90 H1500 mm
- » 2 offset arms 300 mm
- » Plate 300x300 mm

MORE PRODUCTS AVAILABLE

All self-supporting BCUBE rack supports in the range are also available in a version for slab mounting



FIXED MASTS

MOUNTING MASTS



All masts are supplied with a cap. These caps help protect birds by preventing them from falling into the masts.



CHARACTERISTICS

Ø MAST	HEIGHT	THICKNESS	BASE PLATE	GUSSETS
Ø114	1500 mm	3.6 mm	300x300 mm	WITH
	1600 mm			
	2000 mm			
	3500 mm			
	2000 mm	6 mm		
	3500 mm			
	2000 mm	8 mm		
	3500 mm			
Ø90	1200 mm	3.6 mm	WITHOUT	
	1800 mm			
Ø48	1000 mm	3 mm		
	1500 mm			
	2000 mm			
	3000 mm			

MORE PRODUCTS AVAILABLE IN **METALWORK**

RACK SUPPORTS



FLEXI NSN, AMOD RACK

WHERE?

WALL MOUNTING

FOR WHAT?

✓ 1 to 9 NSN equipment

✓ 1 AMOD rack

CHARACTERISTICS



- » Vertical load of 250 Kg
- » Rack installation to the wall at 0°, 90° or 180°



- » Manually portable
- » Delivered flat-packed for easy transport
- » In stock

FOR MORE
INFORMATION



8X8 BASE

WHERE? MOUNTING ON IPN BEAMS

FOR WHAT?

✓ **Rack universal support**

CHARACTERISTICS



CHARACTERISTICS



CHARACTERISTICS



- » Composite profile
- » Mounting system using brackets
- » Anti-vibration pads



- » **3 lengths available**
- » **Adjustable pads to fit all types of racks**



- » Manually portable: light composite profile
- » Quick installation: square-head screws for easy sliding into the profile
- » Can be mounted on existing on-site crossbars

RACK SUPPORTS

BCUBE OR EQUIVALENT

WHERE? MOUNTING ON CONCRETE SLAB

FOR WHAT?

✓ 4 Racks



- » Galvanized steel structure
- » Gratings

✓ 6 Racks



- » Galvanized steel structure
- » Gratings

MORE PRODUCTS AVAILABLE

All self-supporting BCUBE rack supports in the range are available in a version for fixing to the slab



RRU/RRH SUPPORTS

MOUNTING RACKS

WHERE?

FIXATION MULTIPLE

FOR WHAT?

✓ RRU/RRH

MORE PRODUCTS AVAILABLE

Many RRU/RRH supports in the self-supporting range are available in a version for mounting

» Galvanized steel structure



Racks are a support system designed to optimize space and accomodate more equipment.



- » Kit to be assembled on site
- » Quick installation by 1 person
- » Fully dismountable structure
- » Calculation note provided

RRU/RRH SUPPORTS

MOUNTING RACKS

WHERE?

INDOOR INSTALLATION

FOR WHAT?

✓ RRU/RRH - Single-sided



- » Galvanized steel structure
- » Height-adjustable crossbars
- » Cable tray

CHARACTERISTICS

MODEL	HEIGHT	WIDTH	WEIGHT
A1	2200 mm	1200 mm	80 Kg
B1	2200 mm	600 mm	53 Kg
C1	1500 mm	1200 mm	49 Kg
D1	1500 mm	600 mm	35 Kg





Racks are a support system designed to optimize space and accomodate more equipment.



- » Kit to be assembled on site
- » Quick instalaltion by 1 person
- » Width designed to facilitate installation on raised floor slabs
- » In stock

**FOR MORE
INFORMATION**

FOR WHAT?

✓ **RRU/RRH - On two sides**



- » Galvanized steel structure
- » Front and rear crossbars height-adjustable
- » Cable tray
- » Access openings

CHARACTERISTICS

MODEL	HEIGHT	WIDTH	WEIGHT
A2	2200 mm	1200 mm	142 Kg
B2	2200 mm	600 mm	88 Kg
C2	1500 mm	1200 mm	85 Kg
D2	1500 mm	600 mm	56 Kg



SUPPORTS RRU/RRH

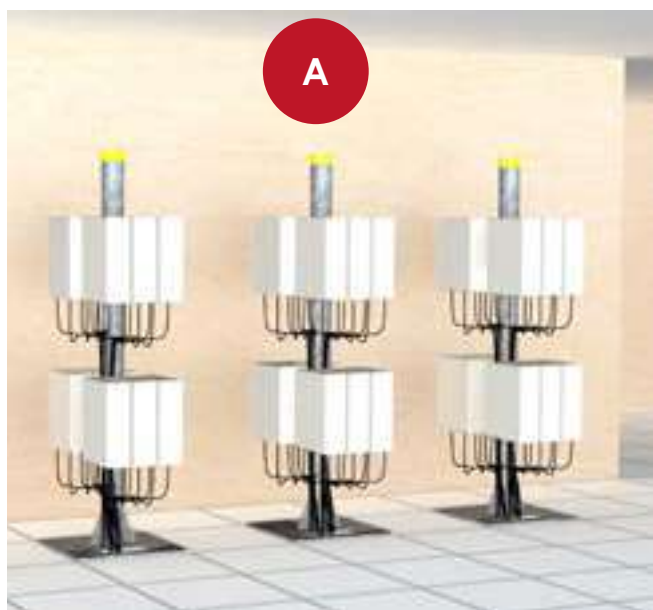
MOUNTING MASTS

WHERE ? INDOOR

FOR MORE
INFORMATION

FOR WHAT?

✓ RRU/RRH

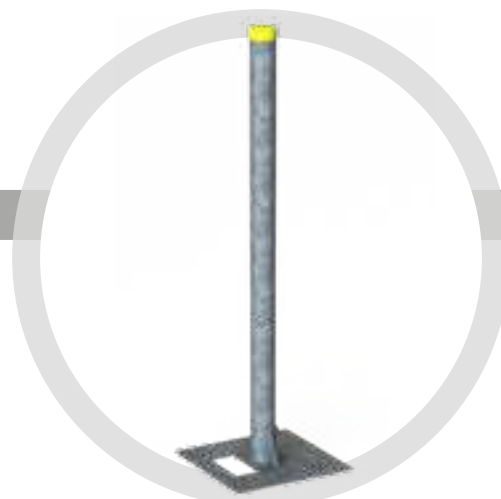


» Width designed to facilitate
installation on technical floor slabs

- » Mast Ø114 H2000 mm
- » Floor mounting plate 600x600 mm
- » Cable routing

CHARACTERISTICS

MODEL	HEIGHT	MAST	WEIGHT
A	2000 mm	Ø114 mm	59 Kg





- » Free positioning along the IPN-beam, for example
- » Quick installation by 1 person
- » Simplified handling for installers
- » Generic calculation note

WHERE?

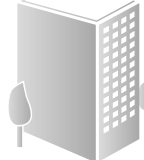
1>3



3B>4



40m



FOR WHAT?

✓ **RRU/RRH**

The existing structure must be approved by a design office

- » Mast Ø90 – H1500 mm
- » RRU/RRH 1400 mm max height
- » Backing plate

CHARACTERISTICS



25

KG

GPS ANTENNA SUPPORTS

WALL MOUNTING

MOUNTING ON BCUBE

WHERE?

1>3



0>4



30m



FOR WHAT?

✓ 1 GPS Antenna

✓ 1 GPS Antenna



- » Mast Ø48 H1000 mm
- » Plate 200x200 mm

- » Mast Ø48 H500 mm
- » Plate 400x250 mm

CHARACTERISTICS



**7
KG**

CHARACTERISTICS



**10
KG**



- » Quick installation by 1 person
- » Calculation note provided

MOUNTING ON MAST

✓ 1 GPS Antenna



FOR MORE
INFORMATION

- » Mast Ø48 H1000 mm
- » 2 offset arms 200 mm
- » Variable brackets from Ø60 to Ø114

CHARACTERISTICS



KG

MULTI-EQUIPMENT SUPPORT

MULTI-SUPPORT STATION

WHERE?

MOUNTING ON MAST Ø114

FOR WHAT?

✓ 4G and 5G Antennas + 3 RRU/RRH



» 2 offset arms delivered pre-assembled
» In stock

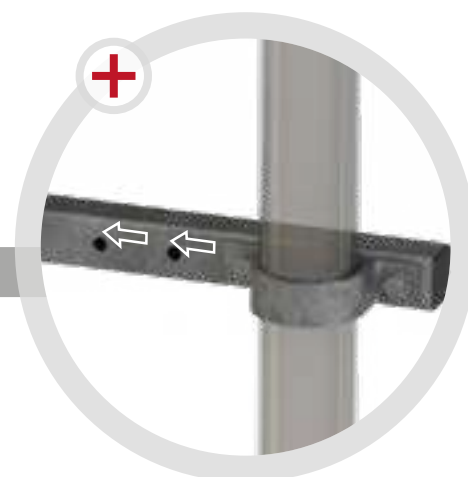
FOR MORE
INFORMATION



- » Pair of offset arms
- » 2 Ø90 tubes (height depending on model)
- » 2 caps per Ø90 tube

CHARACTERISTICS

MODEL	HEIGHT OF MASTS Ø90	WEIGHT
A	500 mm	4 Kg
B	1000 mm	7 Kg
C	1500 mm	11 Kg
D	2000 mm	15 Kg
E	3000 mm	23 Kg







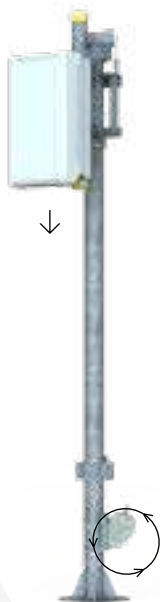
SOLUTIONS FOR GROUND-LEVEL ACCESS AND MAINTENANCE

SOLUTIONS DESIGNED WITH YOUR SAFETY IN MIND



ANTENNA EXTENSIONS

Dean Evo	64
Couliss'Up Evo	66
Switch'Up	68



SLIDING POLES

Sliding 5G	70
Mast-Hiss	71
Mast-Hias	72

ANTENNA OFFSETS

DEAN EVO

WHERE?



1>2 - 0 - 60m



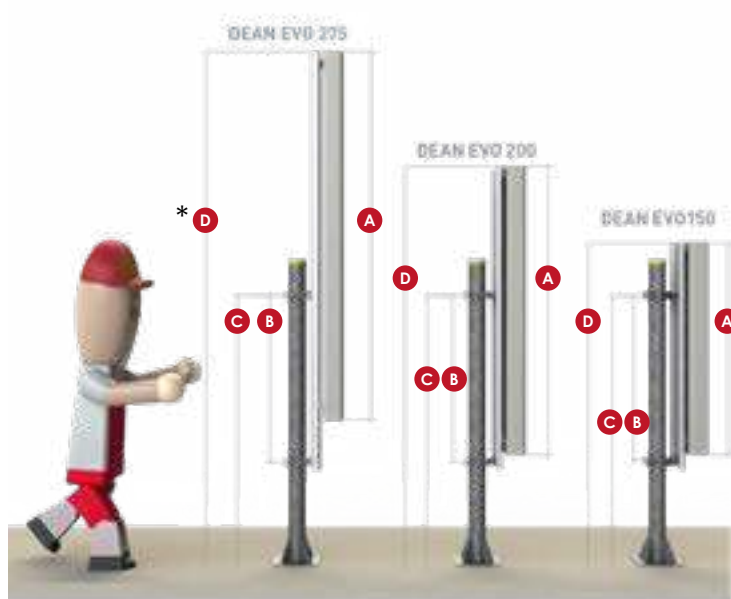
1>3 - 0 - 40m



1>4 - 0 - 15m

FOR WHAT?

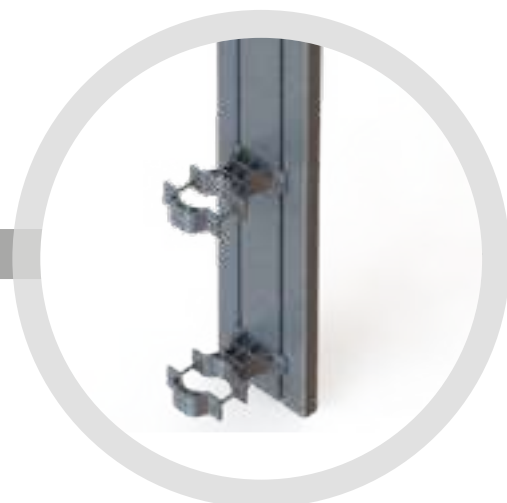
✓ 4G or 5G Antennas



- » 1 Aluminium profile
- » 2 Brackets: mounting on mast Ø60 to Ø114
- » 2 U-plates: universal antenna interface

CHARACTERISTICS: DEAN EVO - TCB

MODEL	DEAN HEIGHT	WEIGHT
DEAN EVO 275	2750 mm	25 Kg
DEAN EVO 200	2000 mm	20 Kg
DEAN EVO 150	1500 mm	16 Kg



✓ Extruded aluminium bracket



The antenna offset system provides ground-level access to the equipment. It simplifies installation and maintenance with collective safety, without the need for cranes or ladders.



The DEAN Evo range is designed for ground-level maintenance of 4G antennas.

- » 3 Types of brackets
- » Ultra simple adjustments
- » Very easy to handle
- » Delivered pre-assembled
- » In stock



^ Brides : TCB - DCB - PCB

CHARACTERISTICS: DEAN EVO - DCB

MODEL	DEAN HEIGHT	WEIGHT
DEAN EVO 275	2750 mm	27 Kg
DEAN EVO 200	2000 mm	22 Kg
DEAN EVO 150	1500 mm	18 Kg



^ Large offset

CHARACTERISTICS: DEAN EVO - PCB

MODEL	DEAN HEIGHT	WEIGHT
DEAN EVO 275	2750 mm	29 Kg
DEAN EVO 200	2000 mm	23 Kg
DEAN EVO 150	1500 mm	19 Kg



^ Compensation for taper up to 5°

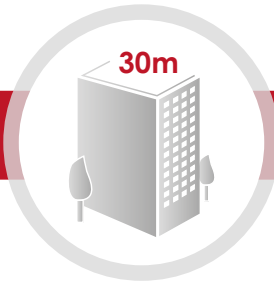
	A	B	C	D
MODEL	ANTENNA HEIGHT	CENTRAL DISTANCE OFFSET	HIGH OFFSET HEIGHT	HIGH HEIGHT OF THE ANTENNA
DEAN EVO 275	2750 mm MAXIMUM	500 mm MINIMUM	1800 mm	4000 mm
DEAN EVO 200	2000 mm MAXIMUM	500 mm MINIMUM	1800 mm	3250 mm
DEAN EVO 150	1500 mm MAXIMUM	500 mm MINIMUM	1800 mm	2750 mm

*

ANTENNA OFFSETS

COULISS'UP EVO

WHERE?



FOR WHAT?

✓ 4G and/or 5G Antennas

CHARACTERISTICS : SLIDING SYSTEM

MODEL	HEIGHT	WEIGHT	4G	4G+5G	5G	HHA 5G
A	4000 mm	69 Kg	X	✓	✓	4535 mm
B	3300 mm	63 Kg	X	✓	✓	4000 mm
C	2750 mm	53 Kg	X	✓	✓	4000 mm
D	2000 mm	46 Kg	X	X	✓	3250 mm



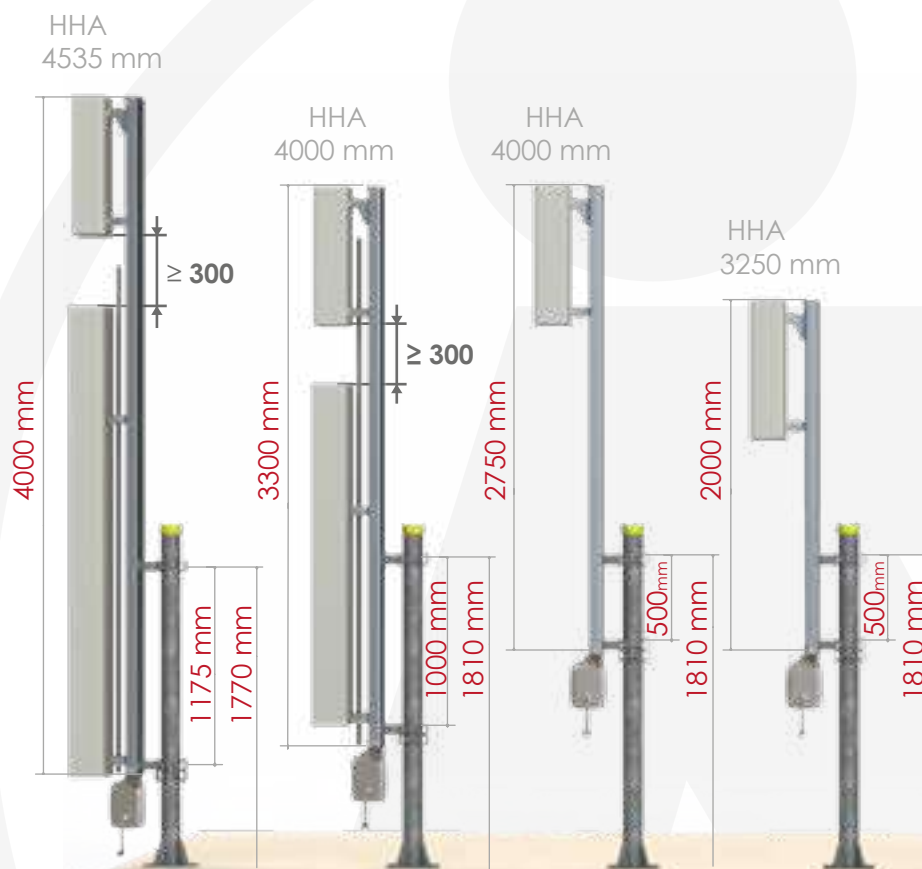


The antenna offset system provides ground-level access to equipment. It simplifies installation and maintenance with collective safety, without the need for cranes or ladders.

The Couliss'Up Evo range is designed for ground-level maintenance of 5G antennas. It allows the installation of both 4G and 5G antennas.



- » Antenna installation made easier with the use of a winch
- » Positioning bracket and locking system
- » Delivered pre-assembled
- » In stock



VARIOUS OPTIONS OF ANTENNA MOUNTS AVAILABLE

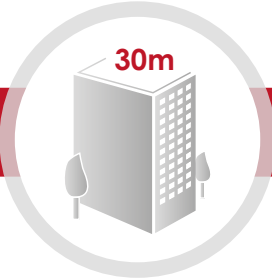
Learn more about how the Couliss'Up Evo sliding antenna offset system works.



ANTENNA OFFSETS

SWITCH'UP

WHERE?



FOR WHAT?

✓ 4G and/or 5G Antenna

CHARACTERISTICS: SLIDING SYSTEMS AND PIVOTING DOOR

MODEL	HEIGHT	WEIGHT	4G	4G+5G	5G	HHA 5G
A	3700 mm	86 Kg	X	✓	X	4535 mm
B	3000 mm	80 Kg	X	✓	X	4000 mm

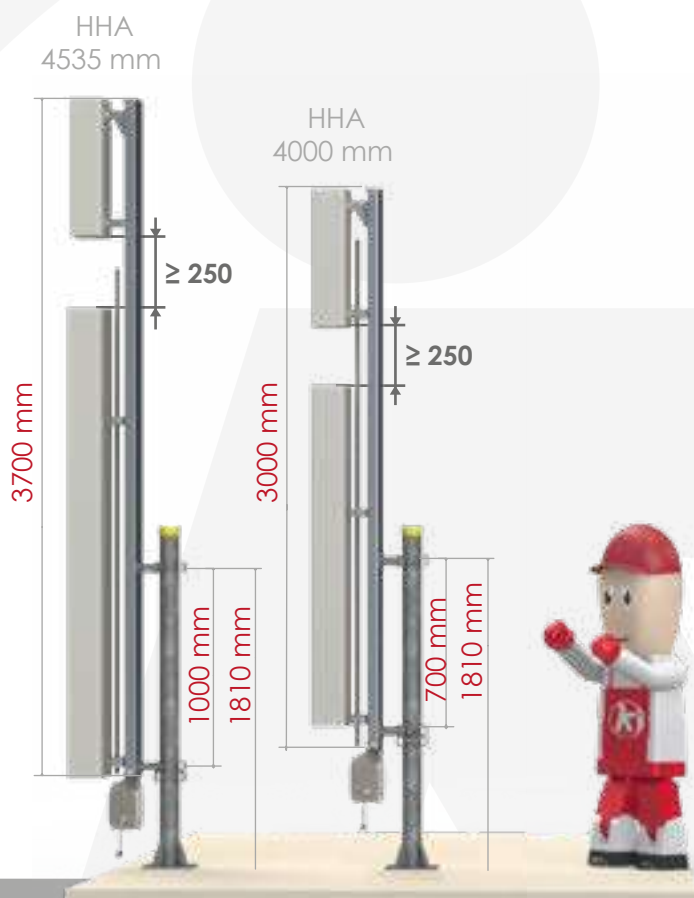


The antenna offset system provides ground-level access to the equipment. It amplifies installation and maintenance with collective safety, without the need for cranes or ladders.

The Switch'Up range is designed for ground-level maintenance of 4G and 5G antennas. The pivoting door allows access to the 5G antenna without having to dismantle the 4G antenna.



- » Easier antenna installation using the winch
- » Swing door allows easy maintenance of the upper antenna
- » Positioning bracket and locking system
- » In stock



VARIOUS OPTIONS OF ANTENNA MOUNTS AVAILABLE

Learn more about how the Switch'Up Evo sliding antenna offset system works



SLIDING MASTS



5G SLIDING MAST

FOR WHAT?

✓ 5G Antenna



- » Safe ground-level maintenance
- » Cable fall-prevention system
- » Configurable according to site requirements

FOR MORE
INFORMATION



» Antenna trolley Ø114

WINCH OPTIONS



MAST-HISS

FOR WHAT?

✓ 4G Antenna



- » Safe ground-level maintenance
- » Cable fall-prevention system
- » Configurable according to site requirements
- » Load-bearing support for a chimney

FOR MORE
INFORMATION



- or
or
- » Section 120 x120 mm
 - » Section 150 x150 mm
 - » Section 200 x 200 mm

WINCH OPTIONS



SLIDING POLES

MAST-HIAS

FOR WHAT?

✓ 4G Antenna



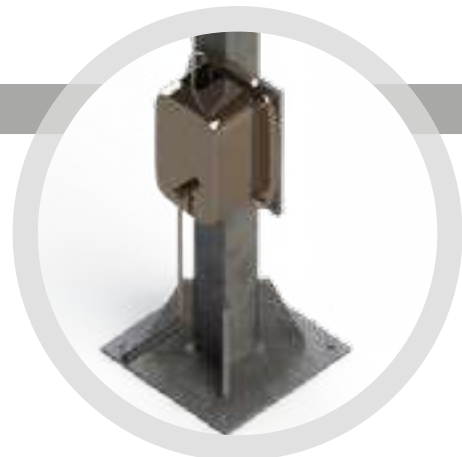
- » Safe ground-level maintenance
- » Cable fall-prevention system
- » Configurable according to site requirements

FOR MORE
INFORMATION



- » Section 80 x 80 mm
- or » Antenna trolley Ø114
- or » Antenna trolley Ø139

WINCH OPTIONS







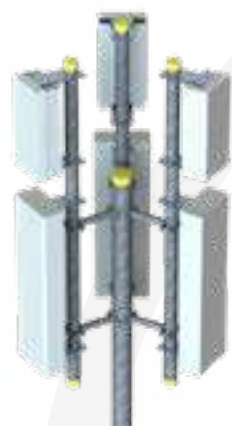
METALWORK

PRODUCTS TAILORED TO ALL YOUR NEEDS



ANTENNA SUPPORTS

Antenna offset arm	76
Azimuth adjustment pylon	77
Multiple adjustments - Pylon mounting	78
L-shaped arm	79
C-shaped arm	79
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Double arms	80



SECTOR-SPECIFIC SOLUTIONS

1 to 3 sector arms	82
Trisector - Adjustable azimuths	84



OFFSET ARMS

Pair of double arms - mast mounting	86
Flag offset - wall mounting	87
Tube mounting	88
Cable ladders	89



TUBES

Ø48.3	90
Ø60.3	90
Ø76.1	90
Ø88.9	91
Ø114.3	91
Ø139.7	91



MASTS

Ø114.3	94
Ø88.9	96
Ø48.3	98
Ø60.3	98
Ø76.1	99
Ø139.7	100



PADS

Height 300, 400 and 500 mm	92
----------------------------	----

ANTENNA SUPPORTS

ANTENNA OFFSET ARM



The antenna offset system allows the antenna to be lowered from the mast while maintaining azimuth alignment.



- » Very compact
- » Maintain azimuth alignment
- » Models available for mast mounting: Ø60 - Ø76 - Ø90 - Ø114 - Ø139



FOR MORE
INFORMATION

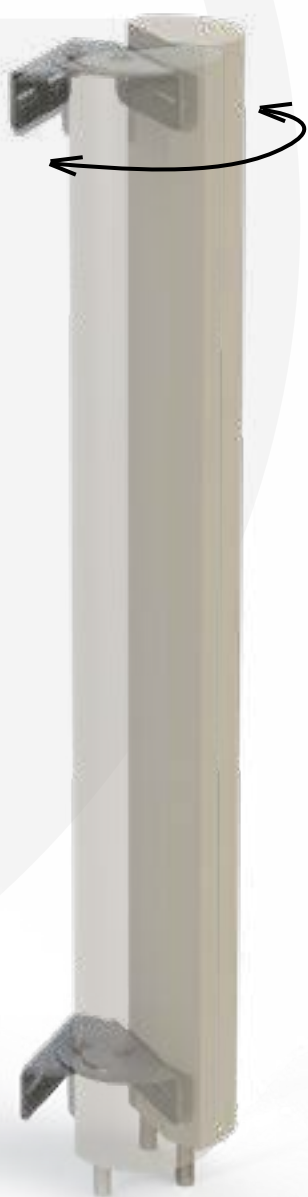


 Operating principle

AZIMUTH ADJUSTEMENT



The system allows azimuth adjustment from 0° to 190°



FOR MORE
INFORMATION



 Operating principle

ANTENNA SUPPORTS

MULTIPLE ADJUSTEMENTS - PYLON MOUNTING



Pair of offset arm tube for mounting on pylon with 3 possible adjustments

- » Compensation for mast lean
- » Vertical alignment adjustment
- » Azimuth adjustment
- » Reversible brackets for mounting on round tube or angle iron

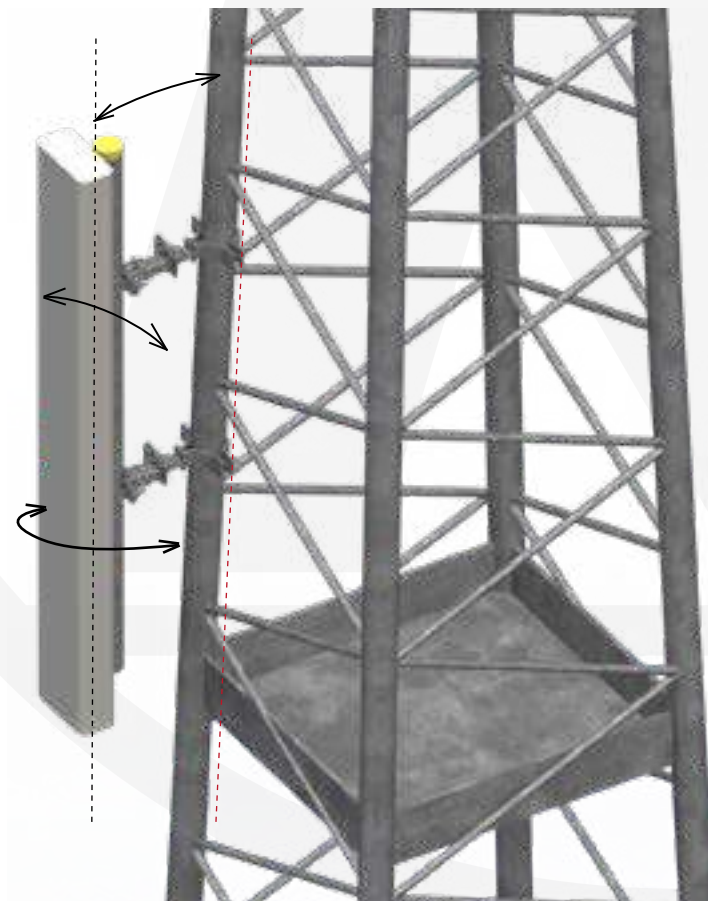
Compensation for mast lean



Vertical alignment adjustment



Azimuth adjustment



FOR MORE
INFORMATION

ANTENNA SUPPORTS

L SHAPED ARM

C SHAPED ARM

WHERE?

1>3



0>4

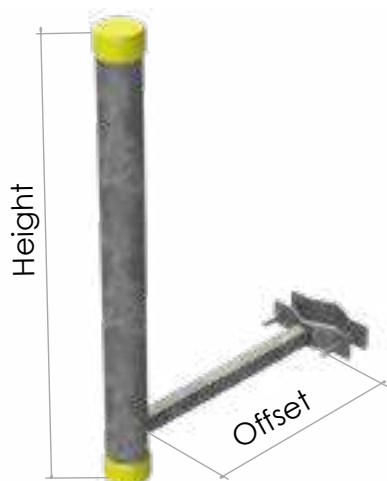


30m



FOR WHAT?

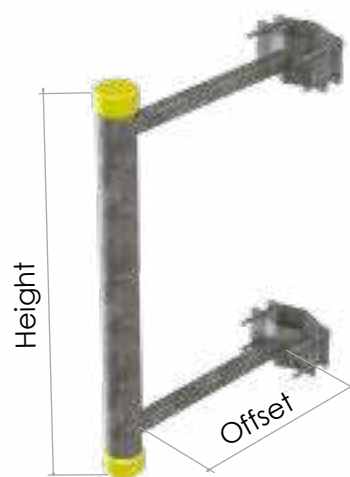
✓ RRU/RRH



CHARACTERISTICS

TUBE	OFFSET	WEIGHT
Ø90 H1500 MM	500 mm	15 Kg
Ø90 H1000 MM	500 mm	11 Kg

✓ RRU/RRH



CHARACTERISTICS

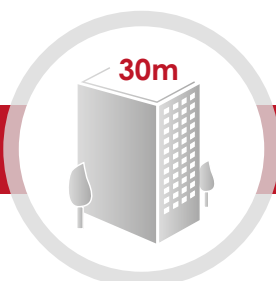
TUBE	OFFSET	WEIGHT
Ø90 H1500 MM	500 mm	21 Kg
Ø90 H1000 MM	500 mm	17 Kg

ANTENNA SUPPORTS

SINGLE ARM

DOUBLE ARMS

WHERE?



FOR WHAT?

✓ 1 5G Antenna

✓ 1 5G Antenna

CHARACTERISTICS

SECTION	OFFSET	WEIGHT
 40x40	1000 mm	6,3 Kg
	900 mm	5,9 Kg
	800 mm	5,5 Kg
	700 mm	5 Kg
	600 mm	4,6 Kg
	500 mm	4,2 Kg
	400 mm	3,8 Kg
	300 mm	3,3 Kg
	200 mm	2,9 Kg
	100 mm	2,5 Kg

CHARACTERISTICS

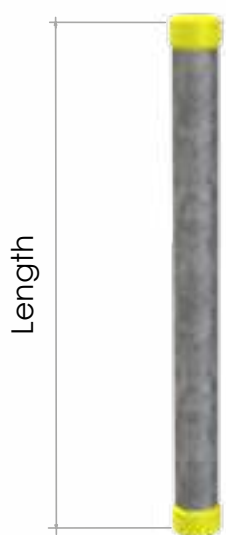
SECTION	OFFSET	WEIGHT
 40x40	1000 mm	10,3 Kg
	900 mm	10 Kg
	800 mm	9,5 Kg
	700 mm	9 Kg
	600 mm	8,6 Kg
	500 mm	8,2 Kg
	400 mm	7,7 Kg
	300 mm	7,3 Kg
	200 mm	6,9 Kg
	100 mm	6,5 Kg



- » Adjustable brackets for masts Ø60 to Ø114
- » Arm delivered pre-assembled
- » Tube supplied with 2 end caps
- » In stock
- » Calculation note provided

ROUND TUBES

✓ To be combined with 2 offset arms



FOR MORE
INFORMATION

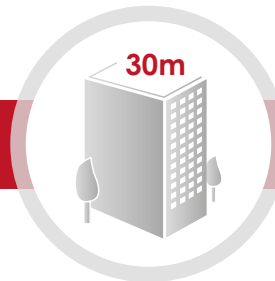
CHARACTERISTICS

TUBE	LENGTH	WEIGHT
Ø90	3000 mm	23 Kg
	2000 mm	15 Kg
	1500 mm	11 Kg
	1000 mm	7 Kg
	500 mm	4 Kg

SECTOR-SPECIFIC SOLUTIONS

1 TO 3 SECTOR ARMS

WHERE?



FOR WHAT?

✓ 1 Sector

✓ 2 Sectors

CHARACTERISTICS

TUBE	OFFSET	WEIGHT
Ø90 H4000 MM	350 mm	41 Kg
Ø90 H3500 MM		38 Kg
Ø90 H3000 MM		34 Kg

CHARACTERISTICS

TUBE	OFFSET	WEIGHT
Ø90 H4000 MM	350 mm	80 Kg
Ø90 H3500 MM		75 Kg
Ø90 H3000 MM		68 Kg



- » Adjustable brackets for masts Ø90 to Ø168
- » Arm delivered assembled
- » In stock
- » Calculation note provided

✓ 3 Sectors

FOR MORE
INFORMATION

CHARACTERISTICS

TUBE	OFFSET	WEIGHT
Ø90 H4000 MM	350 mm	121 Kg
Ø90 H3500 MM		112 Kg
Ø90 H3000 MM		102 Kg

SECTOR SOLUTIONS



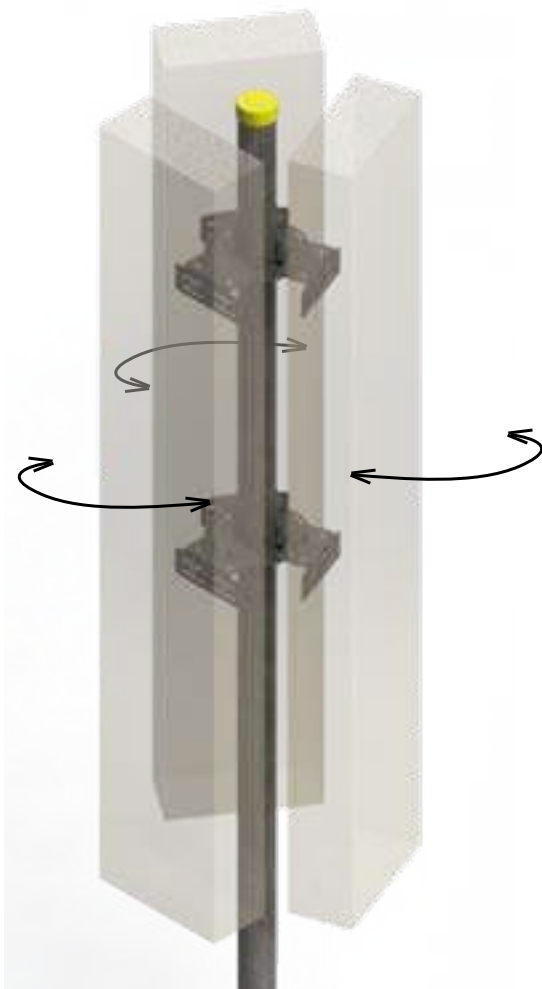
TRISECTOR - ADJUSTABLE AZIMUTH



The system allows azimuth adjustment up to 190°



- » Mounting of 3 antennas on a single mast
- » Multiple adjustment options to simplify antenna azimuth alignment
- » Models available for mast diameters: Ø114 – Ø139 – Ø168



FOR MORE
INFORMATION

Operating Principle



OFFSET ARMS

PAIR OF DOUBLE ARM - MAST MOUNTING

OFFSET			LENGTH BETWEEN AXES	BRACKETS		WEIGHT
SECTION	EP	LENGTH		Ø	EP	KG
□ 50x50	3	140	200	Ø60 à Ø114	8	8,25
	3	240	300	Ø60 à Ø114	8	9,15
	3	340	400	Ø60 à Ø114	8	10,05
	3	440	500	Ø60 à Ø114	8	10,93
	3	740	800	Ø60 à Ø114	8	13,61
	5	140	200	Ø60 à Ø114	8	8,63
	5	240	300	Ø60 à Ø114	8	9,93
	5	340	400	Ø60 à Ø114	8	11,23
	5	440	500	Ø60 à Ø114	8	12,53
	5	740	800	Ø60 à Ø114	8	16,45

OFFSET			LENGTH BETWEEN AXES	BRACKETS		WEIGHT
SECTION	EP	LENGTH		Ø	EP	KG
○ Ø60	2,9	240	300	Ø60 à Ø114	8	9,27
	2,9	340	400	Ø60 à Ø114	8	10,17
	2,9	440	500	Ø60 à Ø114	8	11,05
	2,9	740	800	Ø60 à Ø114	8	13,75
	3,2	240	300	Ø60 à Ø114	8	9,27
	3,2	340	400	Ø60 à Ø114	8	10,17
	3,2	440	500	Ø60 à Ø114	8	11,05
	3,2	740	800	Ø60 à Ø114	8	13,75
	3,2	240	300	Ø60 à Ø114	8	11,44
	3,2	340	400	Ø60 à Ø114	8	12,78
	3,2	440	500	Ø60 à Ø114	8	14,12
	3,2	740	800	Ø60 à Ø114	8	18,16





FLAG OFFSET - WALL MOUNTING

OFFSET		PLATE		LENGTH BETWEEN AXES	BRACKETS		WEIGHT
SECTION	EP	DIMENSION	EP		Ø	EP	KG
 50x50	3	200x200	10	300	Ø60 à Ø114	8	8,47
	3	200x200	10	400	Ø60 à Ø114	8	8,57
	3	300x300	10	300	Ø60 à Ø114	8	13,40
	3	300x300	10	400	Ø60 à Ø114	8	13,50

OFFSET		PLATE		LENGTH BETWEEN AXES	BRACKETS		WEIGHT
SECTION	EP	DIMENSION	EP		Ø	EP	KG
 Ø90	3,2	200x200	10	400	Ø60 à Ø114	8	9,88
	3,2	200x200	10	500	Ø60 à Ø114	8	10,75
	3,2	300x300	10	400	Ø60 à Ø114	8	14,80
	3,2	300x300	10	500	Ø60 à Ø114	8	15,45

FOR MORE
INFORMATION



OFFSET ARMS

TUBE MOUNTING



CABLE LADDERS



TUBES

Ø48.3

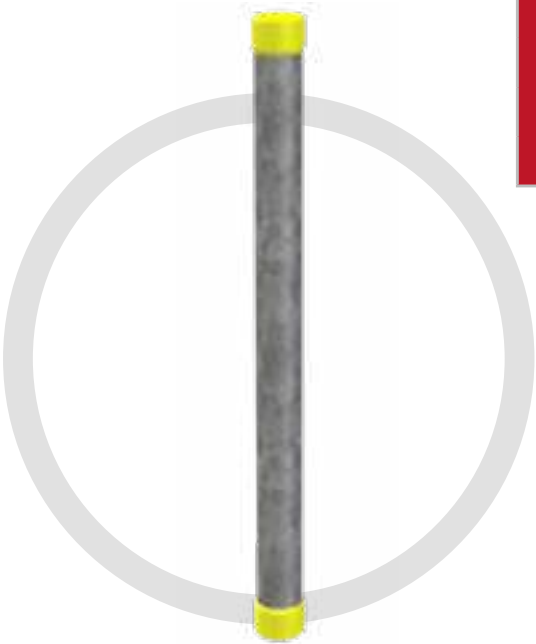
TUBE		
Ø	HEIGHT	EP
Ø48	500	2,9
	1000	2,9
	1500	2,9
	2000	2,9
	3000	2,9

Ø60.3

TUBE		
Ø	HEIGHT	EP
Ø60	1000	2,9
	1500	2,9
	2000	2,9
	2400	2,9
	3000	2,9
	3500	2,9
	4000	2,9
	1000	3
	2000	3
	1000	3,2
	1500	3,2
	2000	3,2
	2400	3,2
	3000	3,2
	3500	3,2
	4000	3,2
	1000	5
	1500	5
	2000	5
	2400	5
	3000	5
	3500	5
	4000	5

Ø76.1

TUBE		
Ø	HEIGHT	EP
Ø76	1000	2,9
	1500	2,9
	2000	2,9
	2400	2,9
	3000	2,9
	3500	2,9
	4000	2,9
	1000	3,2
	1500	3,2
	2000	3,2
	2400	3,2
	3000	3,2
	3500	3,2
	4000	3,2
	1000	5
	1500	5
	2000	5
	2400	5
	3000	5
	3500	5
	4000	5





Galvanized steel tubes, 2 caps included

Ø88.9

TUBE		
Ø	HEIGHT	EP
Ø90	500	3
	1000	3
	1500	3
	2000	3
	3000	3
	1000	3,2
	1500	3,2
	2000	3,2
	2400	3,2
	3000	3,2
	3500	3,2
	4000	3,2
	1000	5
	1500	5
	2000	5
	2400	5
	3000	5
	3500	5
	4000	5
	4000	5

Ø114.3

TUBE		
Ø	HEIGHT	EP
Ø114	1000	3,6
	1000	3,6
	1500	3,6
	2000	3,6
	2000	3,6
	2400	3,6
	3000	3,6
	3000	3,6
	3500	3,6
	4000	3,6
	1000	5
	1500	5
	2000	5
	2400	5
	3000	5
	3500	5
	4000	5
	1000	6,3
	1500	6,3
	2000	6,3
	2400	6,3
	3000	6,3
	3500	6,3
	4000	6,3

Ø139.7

TUBE		
Ø	HEIGHT	EP
Ø139	1000	5
	1500	5
	2000	5
	2400	5
	3000	5
	3500	5
	4000	5
	1000	6,3
	1500	6,3
	2000	6,3
	2400	6,3
	3000	6,3
	3500	6,3
	4000	6,3
	4000	6,3
	4000	6,3

FOR MORE
INFORMATION

PADS

HEIGHT 300, 400 AND 500 MM

PAD		HEIGHT	LOW BASE PLATE		HOLES		HIGH BASE PLATE		HOLES		WEIGHT
SECTION	EP		DIMENSION	EP	CENTER DISTANCE	Ø	DIMENSION	EP	CENTER DISTANCE	Ø	KG
 100x100	4	300	300x300	10	250	14	300x300	10	250	14	19,45
	4	400	300x300	10	250	14	300x300	10	250	14	20,62
	4	500	300x300	10	250	14	300x300	10	250	14	21,79

PAD		HEIGHT	LOW BASE PLATE		HOLES		HIGH BASE PLATE		HOLES		WEIGHT
SECTION	EP		DIMENSION	EP	CENTER DISTANCE	Ø	DIMENSION	EP	CENTER DISTANCE	Ø	KG
 150x150	5	300	300x300	10	250	14	300x300	10	250	14	22,63
	5	400	300x300	10	250	14	300x300	10	250	14	24,86
	5	500	300x300	10	250	14	300x300	10	250	14	27,09
	5	300	300x300	15	250	14	300x300	10	250	14	26,16
	5	400	300x300	15	250	14	300x300	10	250	14	28,39
	5	500	300x300	15	250	14	300x300	10	250	14	30,62
	5	300	400x400	10	340	18	300x300	10	250	14	28,13
	5	400	400x400	10	340	18	300x300	10	250	14	30,36
	5	500	400x400	10	340	18	300x300	10	250	14	32,59
	5	300	400x400	10	340	18	400x400	10	340	18	34,21
	5	400	400x400	10	340	18	400x400	10	340	18	36,44
	5	500	400x400	10	340	18	400x400	10	340	18	38,67
	5	300	400x400	15	340	18	300x300	10	250	14	34,41
	5	400	400x400	15	340	18	300x300	10	250	14	36,64
	5	500	400x400	15	340	18	300x300	10	250	14	38,87
	5	300	400x400	15	340	18	400x400	10	340	18	40,49
	5	400	400x400	15	340	18	400x400	10	340	18	42,72
	5	500	400x400	15	340	18	400x400	10	340	18	44,95



The pads: 1 tube + 1 low base plate + 1 high base plate



TUBES (mm)

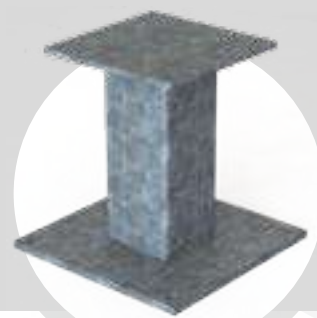
» 3 squared sections: 100x100; 150x150; 200x200

» 3 heights; 300, 400, 500

Plates (mm)

» 2 dimensions: 300x300; 400x400

» 2 thicknesses: 10; 15



SUPPORT		HEIGHT	LOW BASE PLATE		HOLES		HIGH BASE PLATE		HOLES		WEIGHT
SECTION	EP		DIMENSION	EP	CENTER DISTANCE	Ø	DIMENSION	EP	CENTER DISTANCE	Ø	KG
 200x200	5	300	300x300	10	250	14	300x300	10	250	14	24,97
	5	400	300x300	10	250	14	300x300	10	250	14	27,98
	5	500	300x300	10	250	14	300x300	10	250	14	30,99
	5	300	300x300	15	250	14	300x300	10	250	14	28,50
	5	400	300x300	15	250	14	300x300	10	250	14	31,51
	5	500	300x300	15	250	14	300x300	10	250	14	34,52
	5	300	400x400	10	340	18	300x300	10	250	14	30,47
	5	400	400x400	10	340	18	300x300	10	250	14	33,48
	5	500	400x400	10	340	18	300x300	10	250	14	36,49
	5	300	400x400	10	340	18	400x400	10	340	18	36,55
	5	400	400x400	10	340	18	400x400	10	340	18	39,56
	5	500	400x400	10	340	18	400x400	10	340	18	42,57
	5	300	400x400	15	340	18	300x300	10	250	14	36,75
	5	400	400x400	15	340	18	300x300	10	250	14	39,76
	5	500	400x400	15	340	18	300x300	10	250	14	42,77
	5	300	400x400	15	340	18	400x400	10	340	18	42,83
	5	400	400x400	15	340	18	400x400	10	340	18	45,84
	5	500	400x400	15	340	18	400x400	10	340	18	48,85

FOR MORE
INFORMATION

MASTS

Ø114.3

MAST		TUBE			PLATE		PLATE HOLE		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø114	1000	Ø114,3	3,6	1000	300x300	10	250	14	WITH
	1500	Ø114,3	3,6	1500	300x300	10	250	14	
	1600	Ø114,3	3,6	1600	300x300	10	250	16	
	2000	Ø114,3	3,6	2000	300x300	10	250	14	
	2000	Ø114,3	3,6	2000	300x300	10	250	16	
	2400	Ø114,3	3,6	2400	300x300	10	250	14	
	3000	Ø114,3	3,6	3000	300x300	10	250	14	
	3500	Ø114,3	3,6	3500	300x300	10	250	14	
	3500	Ø114,3	3,6	3500	300x300	10	250	16	
	4000	Ø114,3	3,6	4000	300x300	10	250	14	
	2000	Ø114,3	3,6	2000	300x300	15	250	14	
	2400	Ø114,3	3,6	2400	300x300	15	250	14	
	3000	Ø114,3	3,6	3000	300x300	15	250	14	
	3500	Ø114,3	3,6	3500	300x300	15	250	14	
	4000	Ø114,3	3,6	4000	300x300	15	250	14	
	2000	Ø114,3	5	2000	300x300	10	250	14	
	2400	Ø114,3	5	2400	300x300	10	250	14	
	3000	Ø114,3	5	3000	300x300	10	250	14	
	3500	Ø114,3	5	3500	300x300	10	250	14	
	4000	Ø114,3	5	4000	300x300	10	250	14	
	2400	Ø114,3	5	2400	300x300	15	250	14	
	3000	Ø114,3	5	3000	300x300	15	250	14	
	3500	Ø114,3	5	3500	300x300	15	250	14	
	4000	Ø114,3	5	4000	300x300	15	250	14	
	2000	Ø114,3	6	2000	300x300	10	250	16	
	2000	Ø114,3	6,3	2000	300x300	10	250	14	
	3000	Ø114,3	6,3	3000	300x300	10	250	14	
	3500	Ø114,3	6,3	3500	300x300	10	250	14	
	4000	Ø114,3	6,3	4000	300x300	10	250	14	
	3000	Ø114,3	6,3	3000	300x300	15	250	14	
	3500	Ø114,3	6,3	3500	300x300	15	250	14	
	4000	Ø114,3	6,3	4000	300x300	15	250	14	
	2000	Ø114,3	8	2000	300x300	15	250	18	



Masts: 1 tube + base plate + 4 gussets (150x80x10) or without



TUBES (mm)

- » 6 diameters: Ø48,3 ; Ø60,3 ; Ø76,1 ; Ø88,9 ; Ø114,3 ; Ø139,7
- » 6 thicknesses: 2,9; 3,2; 3,6; 4; 5; 6,3
- » 9 heights: 1000; 1500; 1600; 1800; 2000; 2400; 2500; 3000; 3500; 4000

BASE PLATES (mm)

- » 2 dimensions: 300x300; 400x400
- » 3 thicknesses: 5; 10; 15



MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø114	1000	Ø114,3	3,6	1000	400x400	10	340	18	WITH
	1500	Ø114,3	3,6	1500	400x400	10	340	18	
	2000	Ø114,3	3,6	2000	400x400	10	340	18	
	2400	Ø114,3	3,6	2400	400x400	10	340	18	
	3000	Ø114,3	3,6	3000	400x400	10	340	18	
	3500	Ø114,3	3,6	3500	400x400	10	340	18	
	4000	Ø114,3	3,6	4000	400x400	10	340	18	
	2000	Ø114,3	3,6	2000	400x400	15	340	18	
	2400	Ø114,3	3,6	2400	400x400	15	340	18	
	3000	Ø114,3	3,6	3000	400x400	15	340	18	
	3500	Ø114,3	3,6	3500	400x400	15	340	18	
	4000	Ø114,3	3,6	4000	400x400	15	340	18	
	2000	Ø114,3	5	2000	400x400	10	340	18	
	2400	Ø114,3	5	2400	400x400	10	340	18	
	3000	Ø114,3	5	3000	400x400	10	340	18	
	3500	Ø114,3	5	3500	400x400	10	340	18	
	4000	Ø114,3	5	4000	400x400	10	340	18	
	2400	Ø114,3	5	2400	400x400	15	340	18	
	3000	Ø114,3	5	3000	400x400	15	340	18	
	3500	Ø114,3	5	3500	400x400	15	340	18	
	4000	Ø114,3	5	4000	400x400	15	340	18	
	2400	Ø114,3	6,3	2400	400x400	10	340	18	
	3000	Ø114,3	6,3	3000	400x400	10	340	18	
	3500	Ø114,3	6,3	3500	400x400	10	340	18	
	4000	Ø114,3	6,3	4000	400x400	10	340	18	
	3000	Ø114,3	6,3	3000	400x400	15	340	18	
	3500	Ø114,3	6,3	3500	400x400	15	340	18	
	4000	Ø114,3	6,3	4000	400x400	15	340	18	

Ø88.9

MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø90	1500	Ø88,9	2,9	1500	300x300	10	250	14	WITHOUT
	1800	Ø88,9	3	1800	300x300	10	250	16	WITH
	1200	Ø88,9	3	1200	300x300	10	250	14	WITHOUT
	1000	Ø88,9	3,2	1000	300x300	10	250	14	WITH
	1500	Ø88,9	3,2	1500	300x300	10	250	14	
	2000	Ø88,9	3,2	2000	300x300	10	250	14	
	2400	Ø88,9	3,2	2400	300x300	10	250	14	
	3000	Ø88,9	3,2	3000	300x300	10	250	14	
	1000	Ø88,9	3,2	1000	300x300	15	250	14	
	1500	Ø88,9	3,2	1500	300x300	15	250	14	
	2000	Ø88,9	3,2	2000	300x300	15	250	14	
	2400	Ø88,9	3,2	2400	300x300	15	250	14	
	3000	Ø88,9	3,2	3000	300x300	15	250	14	
	3500	Ø88,9	3,2	3500	300x300	15	250	14	
	4000	Ø88,9	3,2	4000	300x300	15	250	14	
	1800	Ø88,9	3,6	1800	300x300	10	250	16	
	1000	Ø88,9	5	1000	300x300	10	250	14	
	1500	Ø88,9	5	1500	300x300	10	250	14	
	2000	Ø88,9	5	2000	300x300	10	250	14	
	2400	Ø88,9	5	2400	300x300	10	250	14	
	3000	Ø88,9	5	3000	300x300	10	250	14	
	3500	Ø88,9	5	3500	300x300	10	250	14	
	4000	Ø88,9	5	4000	300x300	10	250	14	
	1500	Ø88,9	5	1500	300x300	15	250	14	
	2000	Ø88,9	5	2000	300x300	15	250	14	
	2400	Ø88,9	5	2400	300x300	15	250	14	
	3000	Ø88,9	5	3000	300x300	15	250	14	
	3500	Ø88,9	5	3500	300x300	15	250	14	
	4000	Ø88,9	5	4000	300x300	15	250	14	



Masts: un tube + base plate + 4 gussets (150x80x10) or without



TUBES (mm)

- » 6 diameters: Ø48,3; Ø60,3; Ø76,1; Ø88,9; Ø114,3; Ø139,7
- » 6 thicknesses: 2,9; 3,2; 3,6; 4; 5; 6,3
- » 9 heights: 1000; 1500; 1600; 1800; 2000; 2400; 2500; 3000; 3500; 4000

BASE PLATES (mm)

- » 2 dimensions: 300x300; 400x400
- » 3 thicknesses: 5; 10; 15



MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø90	2000	Ø88,9	3,2	2000	400x400	10	340	18	
	2400	Ø88,9	3,2	2400	400x400	10	340	18	
	3000	Ø88,9	3,2	3000	400x400	10	340	18	
	3500	Ø88,9	3,2	3500	400x400	10	340	18	
	4000	Ø88,9	3,2	4000	400x400	10	340	18	
	2000	Ø88,9	3,2	2000	400x400	15	340	18	
	2400	Ø88,9	3,2	2400	400x400	15	340	18	
	3000	Ø88,9	3,2	3000	400x400	15	340	18	
	3500	Ø88,9	3,2	3500	400x400	15	340	18	
	4000	Ø88,9	3,2	4000	400x400	15	340	18	
	2000	Ø88,9	5	2000	400x400	10	340	18	WITH
	2400	Ø88,9	5	2400	400x400	10	340	18	
	3000	Ø88,9	5	3000	400x400	10	340	18	
	3500	Ø88,9	5	3500	400x400	10	340	18	
	4000	Ø88,9	5	4000	400x400	10	340	18	
	2000	Ø88,9	5	2000	400x400	15	340	18	
	2400	Ø88,9	5	2400	400x400	15	340	18	
	3000	Ø88,9	5	3000	400x400	15	340	18	
	3500	Ø88,9	5	3500	400x400	15	340	18	
	4000	Ø88,9	5	4000	400x400	15	340	18	

MASTS

Ø48.3

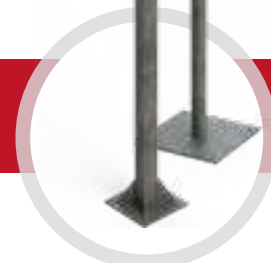
MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø48	500	Ø48.3	2,9	500	300x300	10	250	14	WITHOUT
	1000	Ø48.3	2,9	1000	300x300	10	250	14	
	1500	Ø48.3	2,9	1500	300x300	10	250	14	
	2000	Ø48.3	2,9	2000	300x300	10	250	14	
	2500	Ø48.3	2,9	2500	300x300	10	250	14	
	3000	Ø48.3	2,9	3000	300x300	10	250	14	

Ø60.3

MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø60	1500	Ø60,3	1,5	1500	300x300	5	250	14	WITHOUT
	1000	Ø60,3	2,9	1000	300x300	10	250	14	WITH
	1500	Ø60,3	2,9	1500	300x300	10	250	14	
	1500	Ø60,3	2,9	1500	300x300	10	250	14	WITHOUT
	2000	Ø60,3	2,9	2000	300x300	10	250	14	WITH
	2400	Ø60,3	2,9	2400	300x300	10	250	14	
	1000	Ø60,3	3,2	1000	300x300	10	250	14	
	1500	Ø60,3	3,2	1500	300x300	10	250	14	
	2000	Ø60,3	3,2	2000	300x300	10	250	14	
	2400	Ø60,3	3,2	2400	300x300	10	250	14	
	1000	Ø60,3	5	1000	300x300	10	250	14	
	1500	Ø60,3	5	1500	300x300	10	250	14	
	2000	Ø60,3	5	2000	300x300	10	250	14	
	2400	Ø60,3	5	2400	300x300	10	250	14	
	3000	Ø60,3	5	3000	300x300	10	250	14	



Masts: 1 tube + base plate + 4 gussets (150x80x10) or without



Ø76.1

MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø76	1000	Ø76,1	2,9	1000	300x300	10	250	14	WITH
	1500	Ø76,1	2,9	1500	300x300	10	250	14	
	2000	Ø76,1	2,9	2000	300x300	10	250	14	
	2400	Ø76,1	2,9	2400	300x300	10	250	14	
	3000	Ø76,1	2,9	3000	300x300	10	250	14	
	1200	Ø76,1	3	1200	300x300	10	250	14	WITHOUT
	1000	Ø76,1	3,2	1000	300x300	10	250	14	WITH
	1500	Ø76,1	3,2	1500	300x300	10	250	14	
	2000	Ø76,1	3,2	2000	300x300	10	250	14	
	2400	Ø76,1	3,2	2400	300x300	10	250	14	
	3000	Ø76,1	3,2	3000	300x300	10	250	14	
	1000	Ø76,1	5	1000	300x300	10	250	14	
	1500	Ø76,1	5	1500	300x300	10	250	14	
	2000	Ø76,1	5	2000	300x300	10	250	14	
	2400	Ø76,1	5	2400	300x300	10	250	14	
	3000	Ø76,1	5	3000	300x300	10	250	14	

Ø76	1000	Ø76,1	2,9	1000	400x400	10	340	18	WITH
	1500	Ø76,1	2,9	1500	400x400	10	340	18	
	2000	Ø76,1	2,9	2000	400x400	10	340	18	
	2400	Ø76,1	2,9	2400	400x400	10	340	18	
	3000	Ø76,1	2,9	3000	400x400	10	340	18	
	1000	Ø76,1	3,2	1000	400x400	10	340	18	
	1500	Ø76,1	3,2	1500	400x400	10	340	18	
	2000	Ø76,1	3,2	2000	400x400	10	340	18	
	2400	Ø76,1	3,2	2400	400x400	10	340	18	
	3000	Ø76,1	3,2	3000	400x400	10	340	18	
	1000	Ø76,1	5	1000	400x400	10	340	18	
	1500	Ø76,1	5	1500	400x400	10	340	18	
	2000	Ø76,1	5	2000	400x400	10	340	18	
	2400	Ø76,1	5	2400	400x400	10	340	18	
	3000	Ø76,1	5	3000	400x400	10	340	18	

MASTS

Ø139.7

MAST		TUBE			PLATE		PLATE HOLES		GUSSETS
Ø	HEIGHT	Ø	EP	H	DIMENSION	EP	CENTER DISTANCE	Ø	150X80X10
Ø139	3000	Ø139,7	4	3000	300x300	10	250	14	WITH
	3500	Ø139,7	4	3500	300x300	10	250	14	
	4000	Ø139,7	4	4000	300x300	10	250	14	
	3000	Ø139,7	5	3000	300x300	10	250	14	
	3500	Ø139,7	5	3500	300x300	10	250	14	
	4000	Ø139,7	5	4000	300x300	10	250	14	

Ø139	2400	Ø139,7	4	2400	400x400	10	340	18	WITH
	3000	Ø139,7	4	3000	400x400	10	340	18	
	3500	Ø139,7	4	3500	400x400	10	340	18	
	4000	Ø139,7	4	4000	400x400	10	340	18	
	2400	Ø139,7	4	2400	400x400	15	340	18	
	3000	Ø139,7	4	3000	400x400	15	340	18	
	3500	Ø139,7	4	3500	400x400	15	340	18	
	4000	Ø139,7	4	4000	400x400	15	340	18	
	3000	Ø139,7	5	3000	400x400	10	340	18	
	3500	Ø139,7	5	3500	400x400	10	340	18	
	4000	Ø139,7	5	4000	400x400	10	340	18	
	3000	Ø139,7	5	3000	400x400	15	340	18	
	3500	Ø139,7	5	3500	400x400	15	340	18	
	4000	Ø139,7	5	4000	400x400	15	340	18	



Masts: 1 tube + base plate + 4 gussets (150x80x10) or without



TUBES (mm)

- » 6 diameters: Ø48,3; Ø60,3; Ø76,1; Ø88,9; Ø114,3; Ø139,7
- » 6 thicknesses: 2,9; 3,2; 3,6; 4; 5; 6,3
- » 9 heights: 1000; 1500; 1600; 1800; 2000; 2400; 2500; 3000; 3500; 4000

PLATES (mm)

- » 2 dimensions: 300x300; 400x400
- » 3 thicknesses: 5; 10; 15







SAFETY

WORK SAFELY



GUARDRAILS

Self-standing	104
For mounting	106
Skylight safety protections	108



ACCESS

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Ladders	112
Caged ladders	113



MARKERS

Track pads	114
Gravel-finished slab	115
Elastomeric cable tray	115
Linked pad supports	115
Lighting support	116

GUARDRAILS

SELF-STANDING

ALUMINIUM



- » Tiltable uprights
- » Concrete + PEHD ballasts
- » Hole spacing 1500 mm constant between uprights

COMPOSITE



- » Tiltable uprights
- » Concrete + PEHD ballasts
- » 900 mm constant between uprights



CHARACTERISTICS: BALLAST





- » **Ballasted system, no waterproofing penetration, no thermal bridge**
- » **Counterweight designed to act as a resilient element in compliance with DTU 43.1**
- » **Quick installation (only 4 flightening points)**
- » **The freestanding guardrails comply with French standard NF E85-015:2019 and European standard NF EN ISO 14122-3**



GUARDRAILS

TO BE FIXED

ALUMINIUM



- » 3 Types of brackets
- » Hole spacing 1500 mm constant between uprights

COMPOSITE



- » 3 Types of brackets
- » Hole spacing 900 mm constant between uprights





» Fixed guardrails comply with French NF E85-015:2019 and European standard NF EN ISO 14122-3



GUARDRAILS

SKYLIGHT PROTECTION

WITHOUT GATE



WITH GATE



» Installation time: In 10 min by 1 person

CHARACTERISTICS

DIMENSIONS AVAILABLE - WITHOUT AND WITH GATE

1500x2000 mm	2000x2000 mm	
1500x2500 mm	2000x2500 mm	
1500x3000 mm	2000x3000 mm	3000x3000 mm
1500x3500 mm	2000x3500 mm	3000x3500 mm

For any other specific dimension



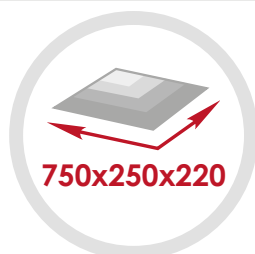
ACCESS

STEP STOOLS

1 STEP



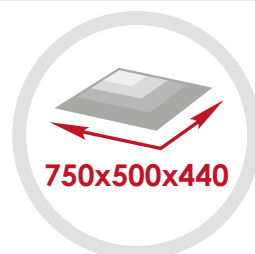
CHARACTERISTICS



2 STEPS



CHARACTERISTICS



For any other specific
dimension



ACCESS

STAIRS

STRAIGHT



WITH LANDING



WALK-OVER PLATFORM





- » Quick assembly
- » Delivered unassembled
- » Compliant with AFNOR standards: NF E 85-015 and NF E 85-013
- » Modular design (over 100 possible configurations)
- » Footings can be fixed on slabs or pedestals
- » Adjustable and orientable base plate



ACCESS

LADDERS

STRAIGHT



- » Height 2 m
- or
- » Height 3 m
- or
- » Height 4 m



- » Vertical technical access solution
- » Lightweight, easy handling
- » Hooks included, ensured stability
- » Available in 3 sizes: 2 m / 3 m / 4 m



For any other specific dimensions



OPTIONS

- » Attachment bars
- » Firefighter strap
- » Ladder hook
- » Stabilizing base

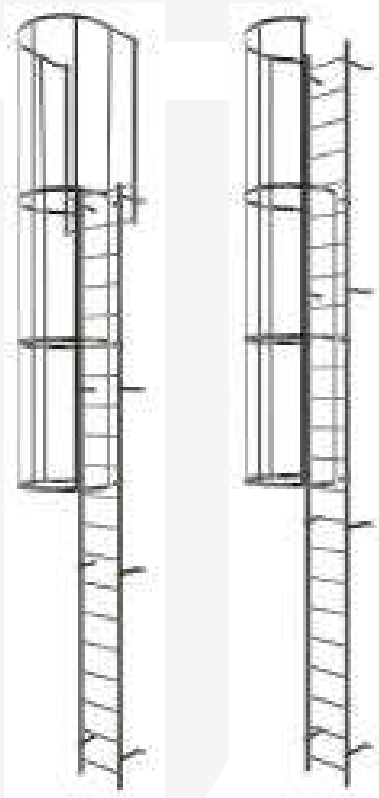


» Aluminium

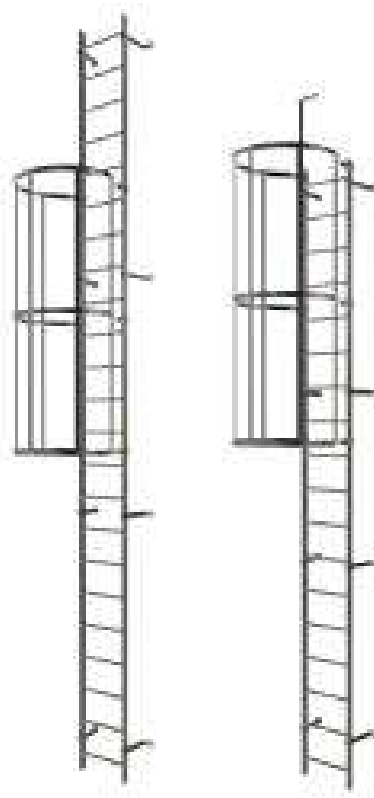
» Compliant with AFNOR NF E 85-016 standard

CAGED LADDERS

EXITS



» Frontal
or
» Lateral



» Under open hatch
or
» Under closed hatch

MARKERS

TRACK PADS

RADIO SECURITY



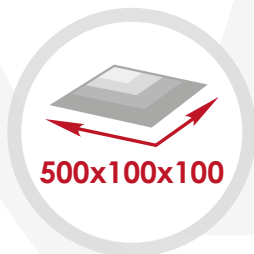
- » Demarcation of radio safety areas

ROUTING

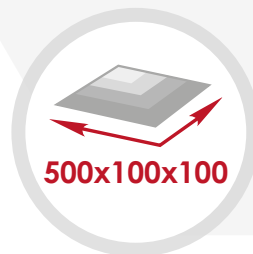


- » Walkway demarcation on rooftop

CHARACTERISTICS



CHARACTERISTICS



- » Direct installation on waterproofing layers
- » Wide opening for rainwater drainage



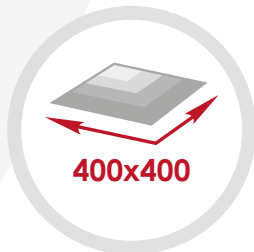
FOR MORE
INFORMATION

GRAVEL FINISHED SLAB



- » Walkaway on rooftop

CHARACTERISTICS



LINKED PAD SUPPORTS



- » 1 elastomer support base
- » 1 plastic pot H1000 mm
- » 1 plastic chain L2000 mm

CHARACTERISTICS



ELASTOMERIC CABLE TRAY



- » Walkaway safety
- » Cable protections



- » Installation or removal time: approximately 30 linear meters per hour by 1 person
- » Resistant to aging, rot, and microbes
- » Chemically neutral



MARKING

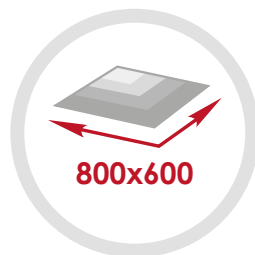
LIGHTING SUPPORT

LIGHTING



- or
- » Mast H1600 mm
 - » Mast H2000 mm
 - » 2 Ballasts

CHARACTERISTICS



» Manually portable



FOR MORE
INFORMATION







CONCEALING SOLUTIONS

FOR MINIMAL VISUAL IMPACT



CHIMNEYS

FIMO chimney	120
Self-standing option	122
Fixed option	123



GREENLINE

Ornamental shrubs	124
Ornamental hedge	126
Privacy Camouflage	126

CHIMNEYS

FIMO'S CHIMNEY

COMPOSITION



Cap



Radio-transparent structure

Finishes: sanded resin or brick

Access door

Pre-assembled bottom support



HHA max 4000 mm

SELF-STANDING OPTION

FIXED OPTION



The Fimo chimney is standardized to allow two installation options: either anchored to the slab using four anchor bases, or placed on the rooftop terrace using a self-supporting frame



- » Customizable chimney caps
- » Customizable finish options
- » Standard sections available from 800x800 to 1600x1600 mm (HHA 4m)
- » Installation template available with fixed-base option
- » Guardrail and grating options with self-supporting version
- » RRU/RRH support and AMOB support options available with self-standing version

CHARACTERISTICS

SECTIONS	DIMENSIONS (mm)
 Squared	800x800
	900x900
	1000x1000
	1100x1100
	1200x1200
	1300x1300
	1400x1400
	1500x1500
	1600x1600

SECTIONS	DIAMETER (mm)
 Round	On request

 Height on request
--

SECTIONS	DIMENSIONS (mm)							
 Rectangular	800x900							
	800x1000	900x1000						
	800x1100	900x1100	1000x1100					
	800x1200	900x1200	1000x1200	1100x1200				
	800x1300	900x1300	1000x1300	1100x1300	1200x1300			
	800x1400	900x1400	1000x1400	1100x1400	1200x1400	1300x1400		
	800x1500	900x1500	1000x1500	1100x1500	1200x1500	1300x1500	1400x1500	
	800x1600	900x1600	1000x1600	1100x1600	1200x1600	1300x1600	1400x1600	1500x1600

For any other
specific
dimension 

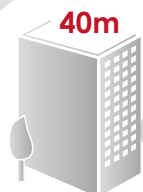
CHIMNEYS

SELF-STANDING OPTION

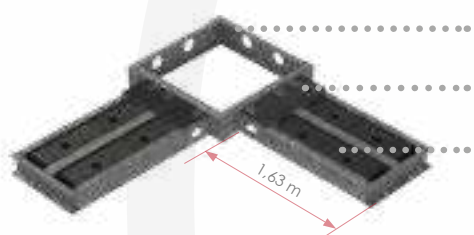
WHERE?



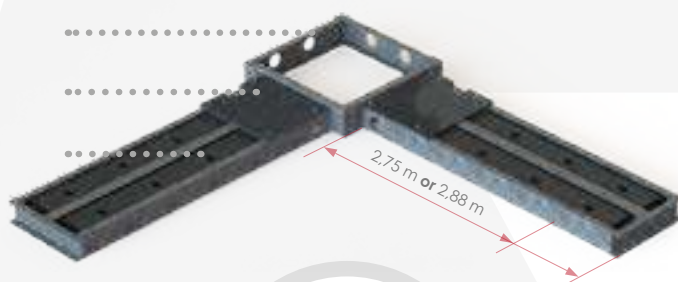
3B>4



40m



Base
Grating
Ballasts



1>2



1>3



» Kit to be assembled on-site
or pre assembled option



MODEL	OPTION
A	Guardrails
B	Grating
C	RRU/RRH mount
D	AMOB mount

FIXED OPTION

WHERE? DEPENDING ON THE SECTIONS



..... Coping

..... Base for slab anchoring ⁽¹⁾

⁽¹⁾ Anchors not supplied - see recommendations in the structural calculation note

OPTION INSTALLATION TEMPLATE



GREENLINE

ORNAMENTAL SHRUBS





- » Shrubs delivered pre-assembled or as a kit
- » Highly successful integration (natural color and wind-like movement).

CHARACTERISTICS

SECTIONS	HEIGHT (mm)
Ø On request	2000
	3000
	4000
	5000
	6000

FOR MORE
INFORMATION

GREENLINE

ORNAMENTAL HEDGE



FOR MORE
INFORMATION





SMART CITY

FOR SMARTER CITIES



OMNI ANTENNA SUPPORTS

Modular supports	130
Self-standing supports	133
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Modular supports for pylons	141



VIDEO SURVEILLANCE

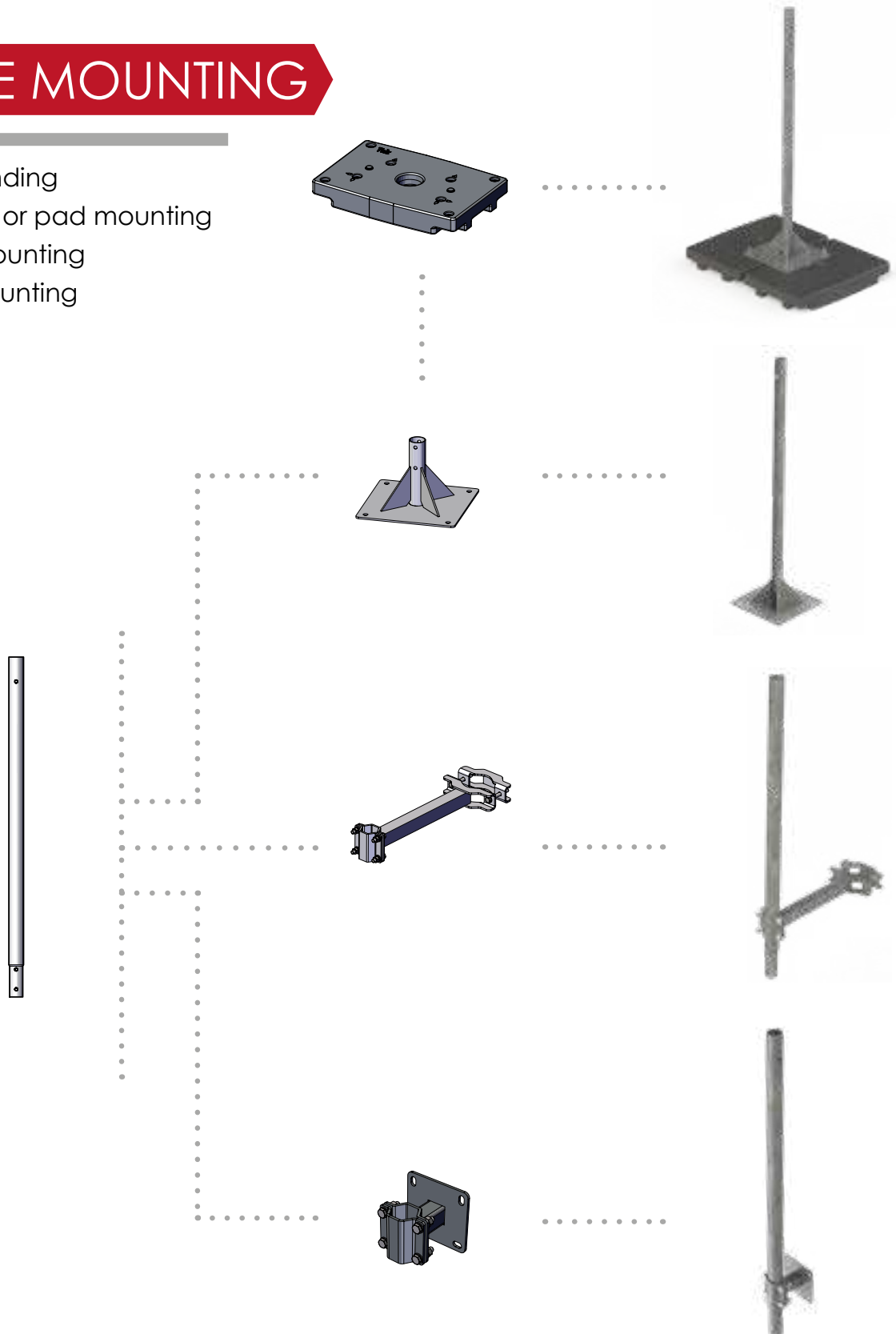
Camera mounts	142
Interconnection point mounts	144

OMNI ANTENNA SUPPORTS

MODULAR SUPPORTS

MULTIPLE MOUNTING

- » Self-standing
- » Ground or pad mounting
- » Mast mounting
- » Wall mounting





- » Compact design
- » Easy transport
- » Modular



OMNI ANTENNA SUPPORTS

MODULAR SUPPORTS

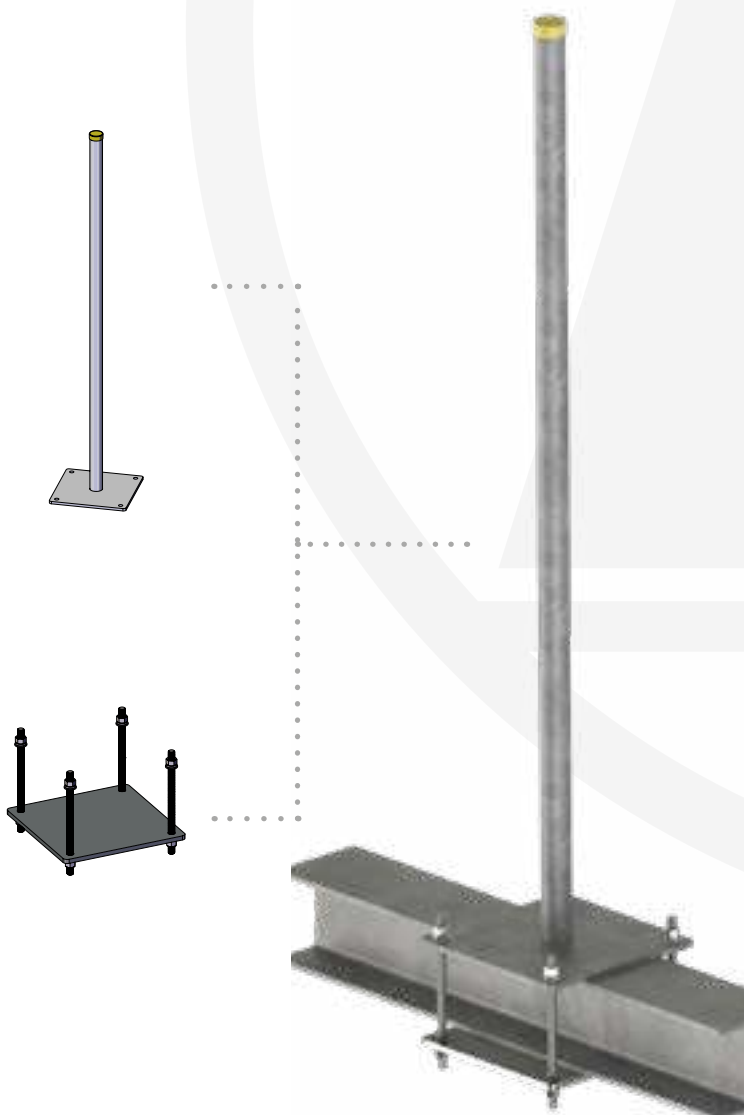
IPN MOUNTING

- » Mast Ø48
- » Back plate



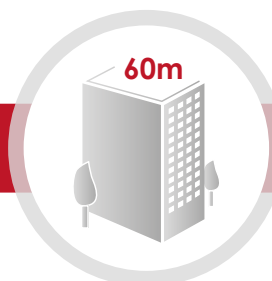
- » Quick installation

The existing structure must be validated by a design office



SELF-STANDING SUPPORTS

WHERE?



FOR WHAT?

✓ 1 Omni antenna - 2 m



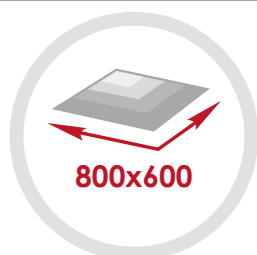
- » Mast Ø48 H2000 mm
- » 2 Ballasts

✓ 1 Omni antenna - 3 m

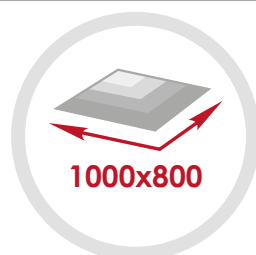


- » Mast Ø48 H3000 mm
- » 3 Ballasts

CHARACTERISTICS



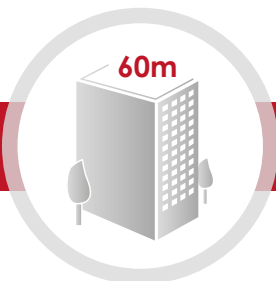
CHARACTERISTICS



OMNI ANTENNA SUPPORTS

SELF-STANDING SUPPORTS

WHERE?



FOR WHAT?

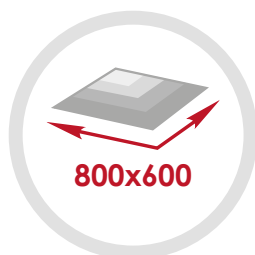
✓ 1 remote Omni Antenna, 2 to 3 m

✓ 1 remote Omni Antenna, 2 to 4 m

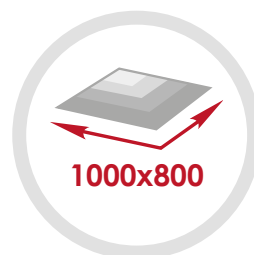
- » Mast Ø48 H2000 to H3000
- » 2 Ballasts

- » Mast Ø48 H2000 to H4000
- » 3 Ballasts

CHARACTERISTICS



CHARACTERISTICS





- » Kit to be assembled on-site
- » Installation time: between 10 and 20 min by 1 person
- » Calculation note provided



FOR WHAT?

✓ 2 Omni Antennas



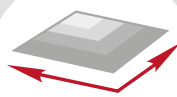
- » Mast Ø60 H2780
- » 6 Ballasts

CHARACTERISTICS



214

KG



1200x1200

✓ 2 Omni Antennas + Solar panel



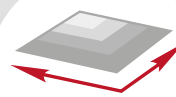
- » Mast Ø60 H2780
- » 8 Ballasts

CHARACTERISTICS



288

KG



1200x1600

OMNI ANTENNA SUPPORTS

MOUNTABLE SUPPORTS

WHERE?

WALL MOUNTING

FOR WHAT?

✓ 1 wall-mounted Omni Antenna



» Tube Ø48 H500 mm

✓ 1 composite chimney-mounted Omni Antenna



» Mounted on composite chimney using Trebol rivets, with a 200 mm offset
» 200 mm offset

WHERE? ANGLE BRACKET OR SQUARED TUBE

FOR WHAT?

✓ 1 remote Omni Antenna



MANY OTHER MOUNTS
AVAILABLE

To find the solution best suited to
my needs

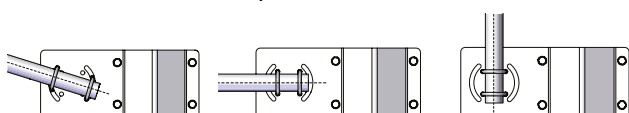


Offset arm

- » Tube Ø48 H300 mm
- » 500 mm offset

CHARACTERISTICS

- » Tilt adjustment
- » Fixed horizontal position
- » Fixed vertical position



OMNI ANTENNA SUPPORTS

MOUNTABLE SUPPORTS

WHERE? MAST OR PYLON MOUNTING

FOR WHAT?

✓ 1 remote Omni Antenna



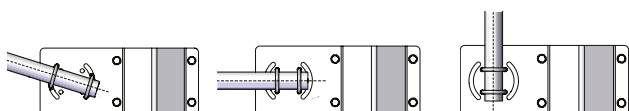
- » Mounting on mast or pylon pole
Ø60.3 to 180 mm
- » 500 mm offset
- » Tilt adjustement

Offset arm

- » Tube Ø48 H300
- » 500 mm offset

CHARACTERISTICS

- » Tilt adjustement
- » Fixed horizontal position
- » Fixed vertical position



FOR WHAT?

✓ 1 Omni Antenna on tube Ø48



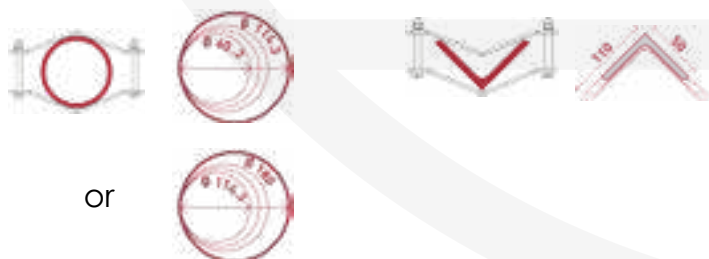
MANY OTHER MOUNTS AVAILABLE

To find the solution best suited to my needs



- » Tube Ø48 H500 mm
- » 200 mm offset
- or
- » 300 mm offset

CHARACTERISTICS



OMNI ANTENNA SUPPORTS

MOUNTABLE SUPPORTS

WHERE?

MOUNTING ON PYLONS

FOR WHAT?

✓ 1 Omni Antenna offset



Offset arm

- » Tube Ø48 H300 mm
- » 500 mm offset



- » Mounting on pylon pole using metal strapping
- » 500 mm offset

✓ 1 Omni Antenna offset



Offset arm

- » Tube Ø48 H300 mm
- » 200 mm offset
- » Bracket with tilt adjustment

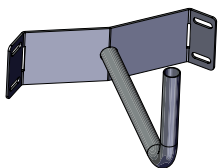
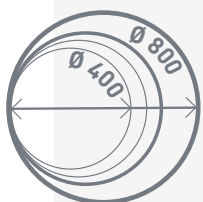
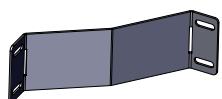


- » Easy tilt adjustment
- » 200 mm offset



MODULAR SUPPORTS FOR PYLONS

- » Bracket support for Ø40 mast
- » Adjustable bracket



- » Easy transport
- » Modular

VIDEO SURVEILLANCE

CAMERA MOUNTS

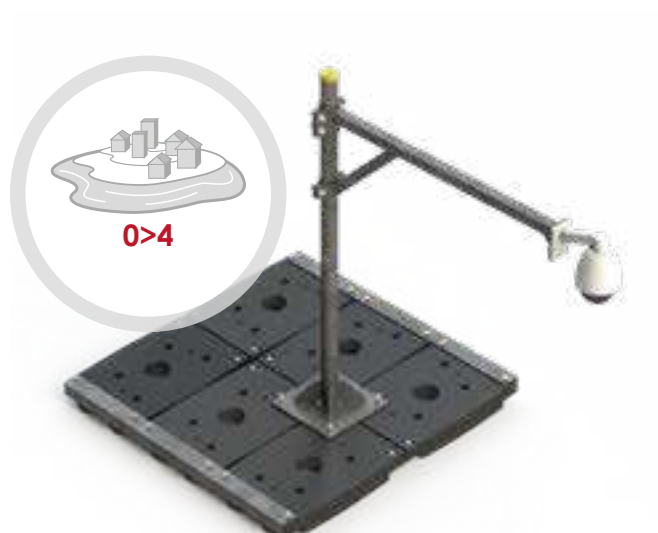
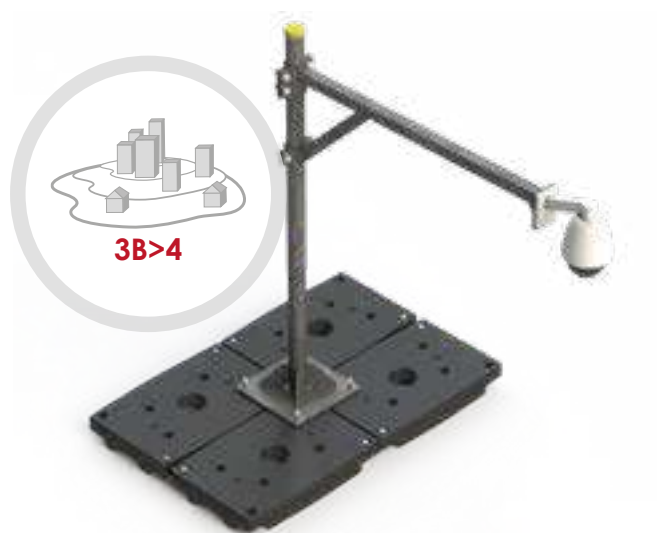
WHERE?



FOR WHAT?

✓ 1 or 2 FH max Ø380 mm

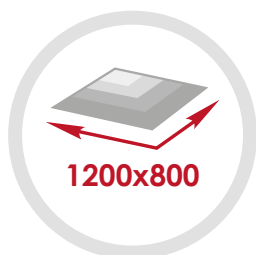
✓ 1 FH max Ø700 mm



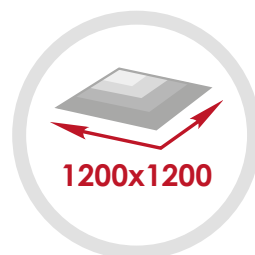
- » Mast Ø60 H1400 mm
- » 4 Ballasts

- » Mast Ø60 H1400 mm
- » 6 Ballasts

CHARACTERISTICS



CHARACTERISTICS





- » Kit to be assembled on-site
- » Installation time: within 10 min by 1 person
- » Calculation note supplied
- » The arm can be rotated for provided



OPTION

✓ Guardrails



FOR MORE
INFORMATION



- » Aluminium guardrails
or
- » Composite guardrails

VIDEO SURVEILLANCE

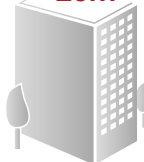
INTERCONNECTION POINT MOUNTS

WHERE?

1>3



20m



FOR WHAT?

✓ 1 or 2 FH max Ø380 mm

✓ 1 FH max Ø700 mm maxi



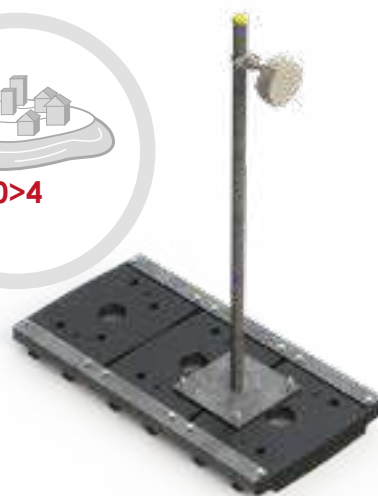
3B>4



- » Mast Ø42 H1400 mm
- » 2 Ballasts



0>4

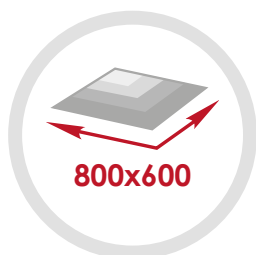


- » Mast Ø42 H1400 mm
- » 3 Ballasts

CHARACTERISTICS



75
KG

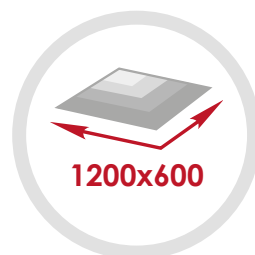


800x600

CHARACTERISTICS



118
KG



1200x600



- » Kit to be assembled on-site
- » Installation time: 10 min by 1 person
- » Calculation note provided



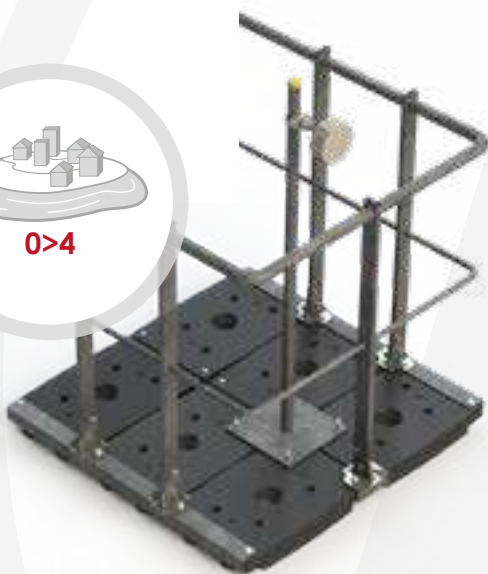
OPTION

✓ Guardrails

- » Aluminium guardrails
- or
- » Composite guardrails



0>4



- » Mast Ø42 H1400 mm
- » 6 Ballasts

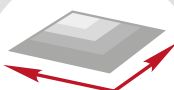
FOR MORE
INFORMATION



CHARACTERISTICS



281
KG



1200x1200



Building Sustainable Innovation

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