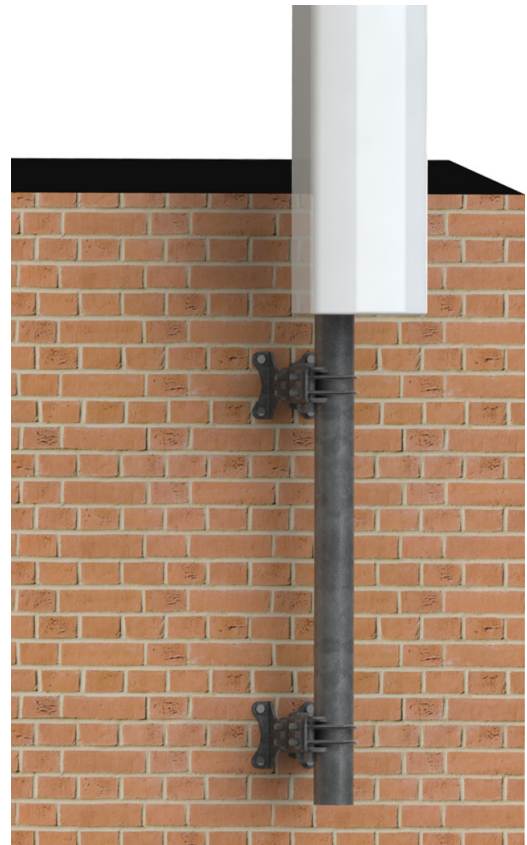


MAFI 2414

Heavy Duty Wall Mount



Designed to provide a pole mount on a wall.
The product is dimensioned to carry heavy poles
and equipment.

Flexibility

The product can be mounted either directly bolted
to brick or concrete walls or using through-mounts
with reinforcement on the back.

Detailed design data

Detailed design data for this product
can be found at www.mafi.se.

How to Order

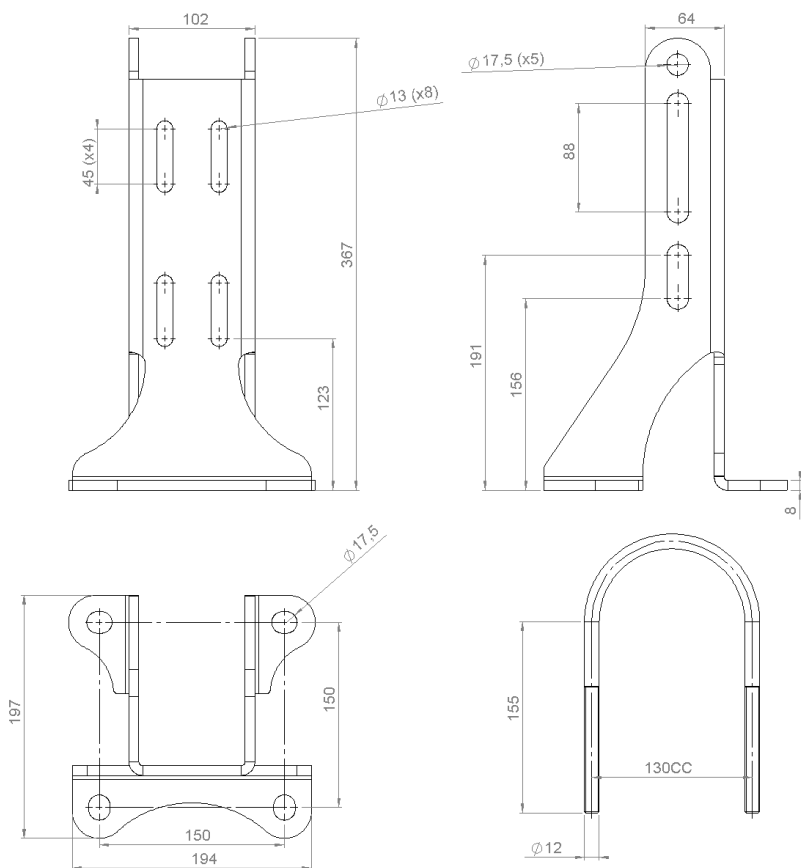
To order this kit, please contact MAFI quoting article number:

2414 or E-order number (SEG): **6000693**

Contact information can be found at www.mafi.se.



Content of kit



Mounting structure

Brick and concrete walls.

Equipment pole



Ø 101.6 and 114.3 mm

Tightening torque

U-bolts M12: 31 Nm

Bolts M16: 150 Nm

Part list

Parts	Material	Quantity
Cantilevers	S355MC FZV	2
Support plates	S355MC FZV	8
Bushings	S355JR FZV	4
U-bolts, M12	8.8 FZV	4
Bolts M16	8.8 FZV	4
Nuts M16, M12	8.8 FZV	24

Package data

Product	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
2414	385	295	200	17

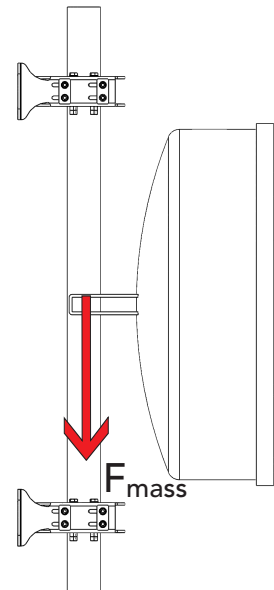
Product options

Tubes of various lengths and diameter can be ordered from MAFI.

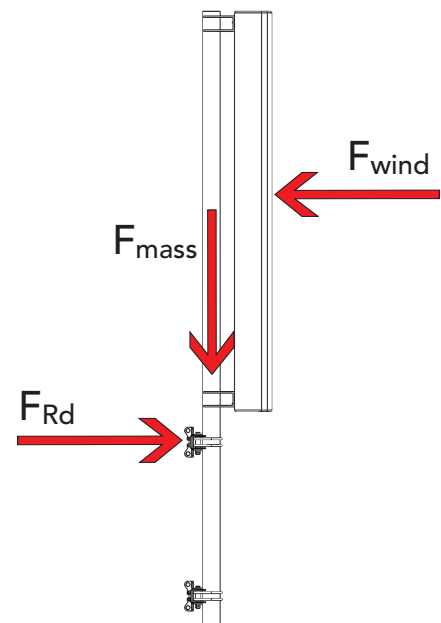


EN 1090

Configuration 1



Configuration 2



Design resistance data

The load limits given in this data sheet apply to the MAFI product only. The designer should always check that the supporting structure can safely carry the loads applied to it by the MAFI product.

Vertical load

Configuration 1:

Max supported equipment mass (F_{mass}) = 500 kg
 Ultimate Transient Man-Load = 2400 N

Configuration 2:

Max supported equipment mass (F_{mass}) = 240 kg
 Ultimate F_{Rd} (reaction force to F_{wind}) = 12000 N
 Ultimate Transient Man-Load = 2400 N

Rotational slip resistance

In some cases the equipment pole can suffer torque loading; in these cases it is important to verify that the pole will not slip. To check this, the data from the torque resistance table can be used. The table opposite gives the ultimate torque capacity per cantilever for different pole diameters.

Ultimate Torque Capacity per Cantilever

Parent Pole ϕ (mm)	Torque (Nm)
101.6	816
114.3	924

