MAFI 3268*

Symmetric Offset Family

MAFI 3268

Designed to provide support for two similar antennas offset symmetrically from a central parent pole. A third antenna may be mounted on the parent pole.

Flexibility

Fits any round member from Ø 76 – 169 mm.
The offset poles can be Ø 60.3 or 76.1 mm and may be specified in any length. The 3268 gives a c/c distance between the outer antennas of 800 mm, and the 3270 gives a c/c distance between the outer antennas of 1700 mm.

Detailed design data

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

How to Order

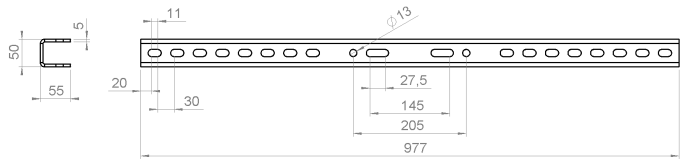
To order this kit, please contact MAFI quoting article number:

3268 or E-order number (SEG): **6000669**
3270 or E-order number (SEG): **6000670**

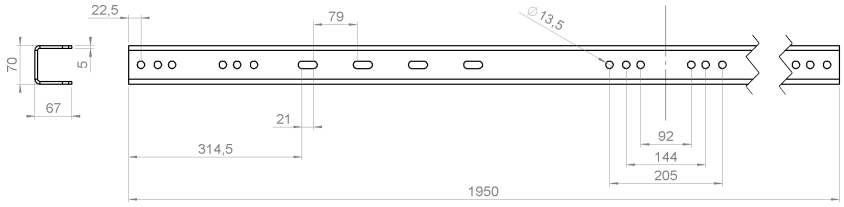
Contact information can be found at www.mafi.se.

Content of kit

MAFI 3270



MAFI 3268



MAFI 3270

Parent pole/leg

Ø 76 – 169 mm

Equipment pole

Ø 60 – 76 mm

Tightening torque

Threaded rod M12: 31 Nm

U-bolts M12: 31 Nm

Part list

Parts	Material	Quantity
Clamps	S355MC FZV	2
Brackets	S355MC FZV	2
U-bolts M12	A4 or 8.8 FZV	4
Threaded rods M12	8.8 FZV	4

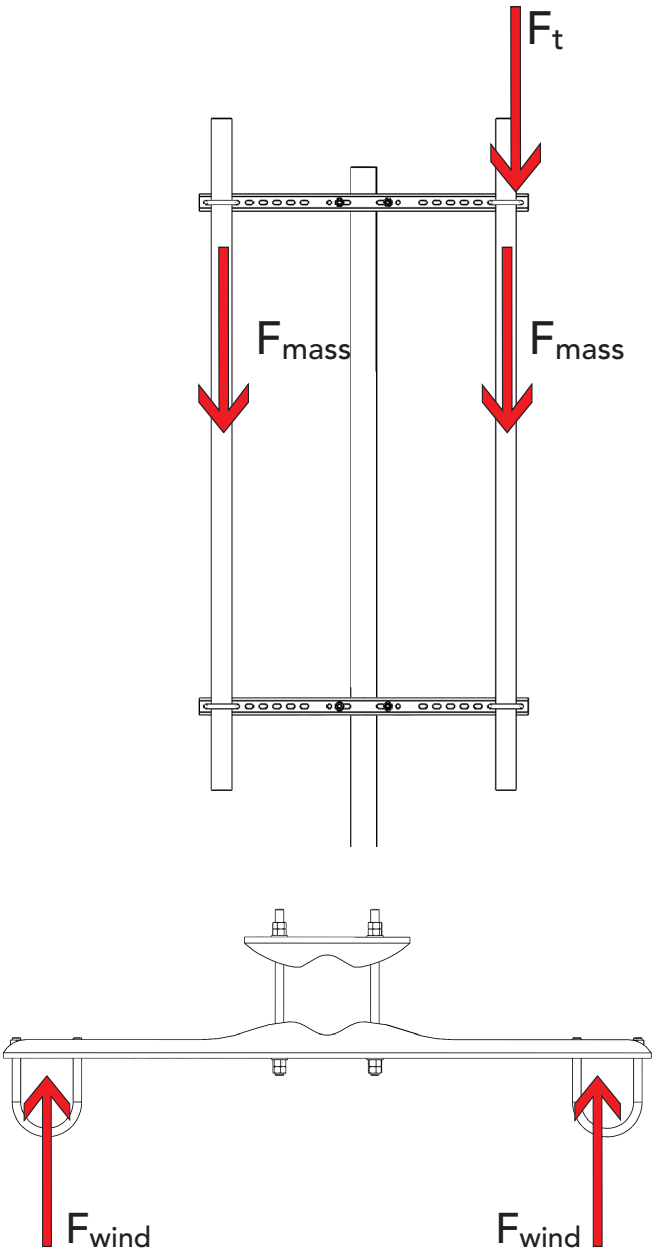
Package data

Product	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
3268	1000	300	150	12.5
3270	2000	300	150	32

Product options

MAFI 44040, U-bolt kit for tube Ø 89 – 114 mm.

CE
EN 1090



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

Max Supported Equipment mass (F_{mass}) MAFI 3268 = 90 kg

Max Supported Equipment mass (F_{mass}) MAFI 3270 = 60 kg

Ultimate Transient Man-Load (F_t)= 2.4 kN

Horizontal load

Ultimate transient horizontal load per bracket (F_{wind})
MAFI 3268 = 2000 N
Ultimate transient horizontal load
per bracket (F_{wind}) MAFI 3270 = 2000 N.

Rotational slip resistance

When asymetyric forces can be expected, for example if the equipment area differs between offset arms, use the table below to check for rotational slip when mounting on a circular pole.
Use ultimate loads to calculate the resulting torque.

Ultimate Torque Capacity per bracket

Parent Pole ø (mm)	Torque (Nm)
76.1	298
88.9	353
101.6	408
114.3	462
152.4	627
168.9	698