

Sway Bar / Tower Connecting Kit (SMA-SKO-UNIVERSAL-L) 6-8-10-12-15 ft antennas

The sway bar / tower connecting kit allows the attachment of the sway bar extremity on tower with pipe or L-section structure profiles:

- Tower pipe compatibility: Ø 60 up to 114 mm
- Tower L-section compatibility: L 60x60 up to L 110x110 mm
- Sway bar compatibility: FS sway bar models (Ø 60 mm)
- Antenna compatibility: from 6Ft to 15Ft

Notes:

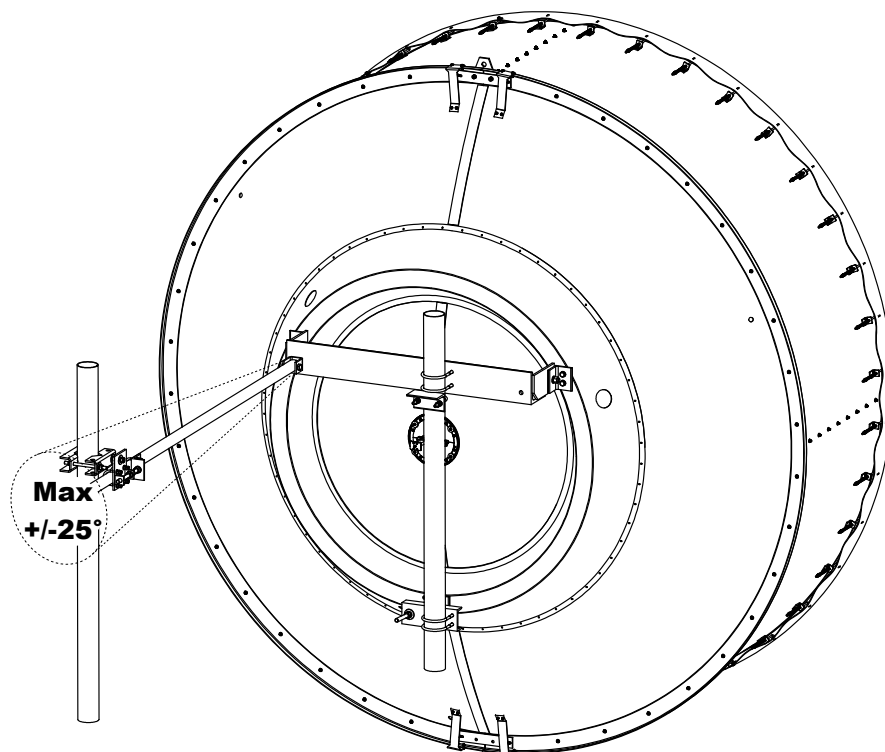
For 6 ft antennas, fine azimuth and elevation adjustments have to be done before the sway bar attachment to the sway bar / tower connecting kit.

For 8, 10 and 12 ft antennas, as the fine azimuth adjustment system is integrated on the sway bar extremity, you must adjust fine elevation before sway bar attachment.



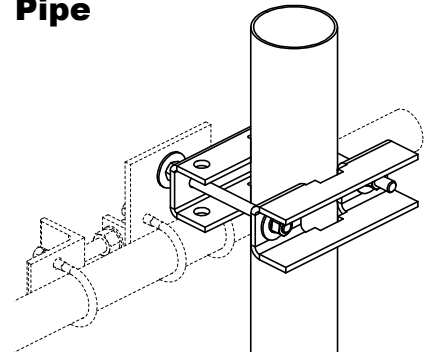
These installation instructions have been written for qualified, skilled personnel. The antenna shall be inspected once per year by qualified personnel to verify proper installation, maintenance, and condition of equipment. It is important to adhere precisely to all parts of the installation instructions. RFS disclaim any responsibility resulting from improper or unsafe installation. RFS reserves the right to alter details at any time, especially with respect to technical improvements.

Sway bar kit installation overview (12ft antenna)



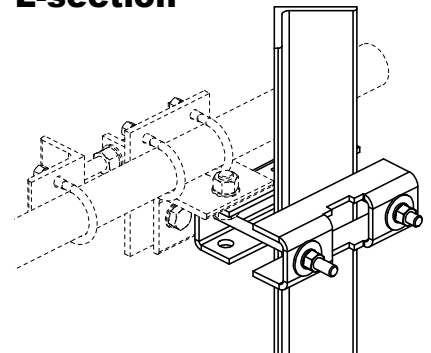
OPTION 1

Pipe



OPTION 2

L-section



Kit supplies

Description	Qty	Description	Qty
Clamp 1 Univ. Sway-bar Kit 6-15	1	Assembly grease	1
Clamp 2 Univ. Sway-bar Kit 6-15	1		
Equipped threaded rod 1 M16/250	1		
Equipped threaded rod 1 M16/250	1		
Strut Univ. Sway-bar Kit 6-15	1		

Tools and equipment required for installation

- Torque wrench 140 to 240 Nm with hex open/ring ends adapters M16(24), M20(30)
- Combination wrenches for hexagon bolts M16 (24), M20 (30)

() opening of spanner

OPTION 1 - Sway bar kit installation on pipes - from Ø60 up to Ø114.3 mm

Done for 6ft antenna sway-bar - Same principle for 8-10-12ft antenna sway-bars including azimuth adjustment.

Preparation

Kit parts		Antenna parts			
	Clamp 1 Univ. Sway-bar Kit 6-15	x1			
	Clamp 2 Univ. Sway-bar Kit 6-15	x1			
	Equipped threaded rod 1 M16/250	x1			
	Equipped threaded rod 2 M16/250	x1			
	Strut Univ. Sway-bar Kit 6-15	x1			
				Sway-bar equipped	x1
				Sway-bar fixing angle <i>(do not use)</i>	x0
				Bolt 1 M20/50 <i>(do not use)</i>	x0
				Bolt 2 M20/60 <i>(do not use)</i>	x0

Assembly

1

G Grease on bolts

x1 - large washer 17
x1 - SL washer 17
x1 - nut M16

x2 - large washer 17
x2 - SL washer 17
x2 - nut M16

x1 - large washer 17
x1 - nut M16

50 mm out Min

2

x1 - nut M16
x1 - large washer 17

x1 - Strut Univ. Sway-bar Kit 6-15

x1 - large washer 17
x1 - SL washer 17
x1 - nut M16

3

M16: 140 Nm
1 ▶ 2 ▶ 3

4

OPTION 2 - Sway bar kit installation on L-section - from 60x60 up to 110x110 mm

Done for 6ft antenna sway-bar - Same principle for 8-10-12ft antenna sway-bars including azimuth adjustment.

Preparation

Kit parts		Antenna parts	
	Clamp 1 Univ. Sway-bar Kit 6-15 x1		Sway-bar equipped x1
	Clamp 2 Univ. Sway-bar Kit 6-15 x1		Sway-bar fixing angle x1
	Equipped threaded rod 1 M16/250 x1		Bolt 1 M20/50 x1
	Equipped threaded rod 2 M16/250 x1		Bolt 2 M20/60 x1
	Strut Univ. Sway-bar Kit 6-15 (do not use) x0		

Assembly

1

G

Grease on bolts

x1 - Bolt 1 M20/50

2

G

x4 - large washer 17
x4 - SL washer 17
x4 - nut M16

! 1 thread out Max

3

x1 - Bolt 1 M20/50:
1. loosen the nut
2. insert angle
3. tighten the nut

x1 - Bolt 2 M20/60

3

M16: 140 Nm
M20: 240 Nm