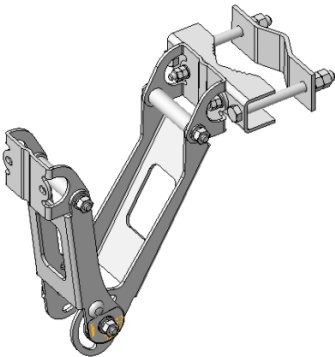
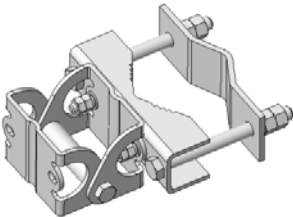


Clamps 夹具



Upper bracket
上支架组件



Lower bracket
下支架组件

Installation Tools 安装工具

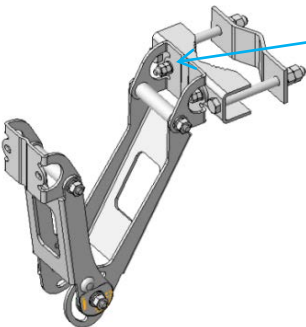


18 mm combination wrench(2PCS)
16 mm combination wrench(2PCS)
13mm combination wrench(2PCS)
两用扳手

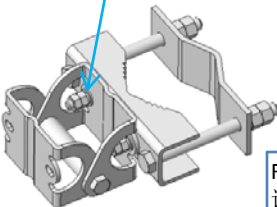


Inclinometer 倾角仪

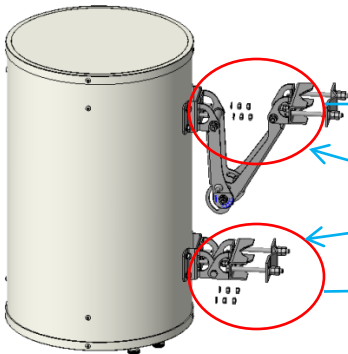
Step 1: Assemble the bracket
第一步：组装支架



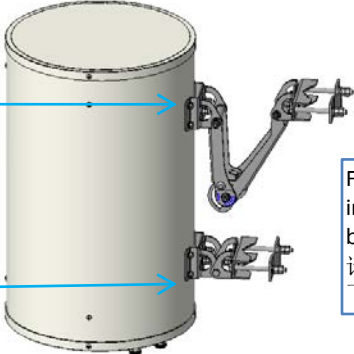
六角螺栓 M8X30
平垫圈 8
弹簧垫圈 8
螺母 M8



Step 2: Install the bracket
第二步：安装支架



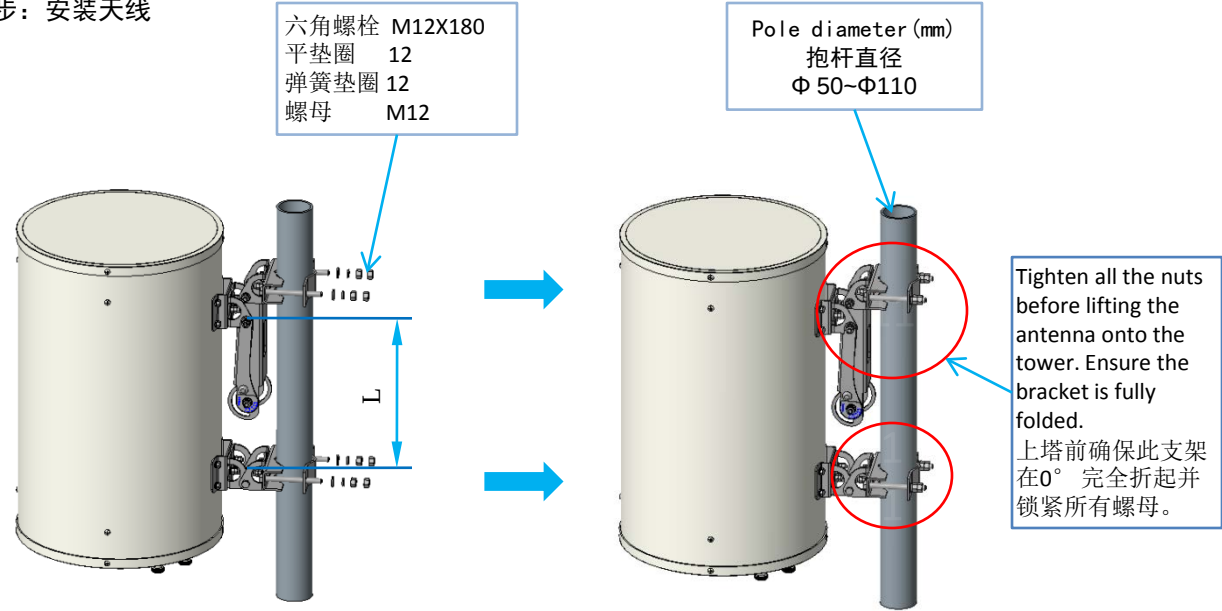
六角螺栓 M8X30
平垫圈 8
弹簧垫圈 8
螺母 M8



Follow the directions shown
in the picture to install
brackets.
请按图中所示将上支架、
下支架安装到天线。

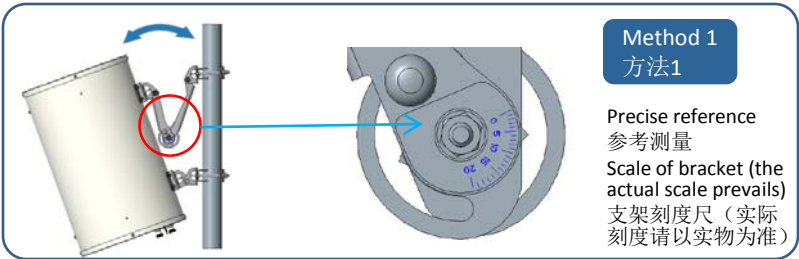
附件清单(Attachment list)		
名称name	编号code	数量Quantity
上角臂 Scale arm upper	12S13301	1
下角臂 Scale arm lower	12S13302	1
连接固定件 Joint	12S13303	4
夹板 Lock board 1	12S13304	2
压板 Lock board 2	12S13305	2
隔离管 Pipe separator	12S13306	4
螺栓Bolt GB/T5783 M12X180		4
螺栓Bolt GB/T5783 M10X110		4
半圆头方颈螺栓Bolt GB/T12 M10X25		2
六角螺栓Bolt GB/T5783 M8X30		8
螺母Nut GB/T6170 M12		8
螺母Nut GB/T6170 M10		6
螺母Nut GB/T6170 M8		16
平垫圈 Flat washer GB/T97.1 12		4
弹簧垫圈Spring washer GB/T93 12		4
平垫圈 Flat washer GB/T97.1 10		6
弹簧垫圈Spring washer GB/T93 10		6
平垫圈 Flat washer GB/T97.1 8		8
弹簧垫圈 Spring washer GB/T93 8		8
Appearance of the actual antenna may differ from the pictures. —— 请以实物为准。		

Step 3: Install the antenna
第三步：安装天线



Install the antenna on the pole as shown in the figure.
The same installation method applies to both upper and lower brackets.
按图所示安装天线在抱杆上，上支架和下支架安装方式相同。
Check and tighten all the nuts when the installation is complete. The operating torques are given in the following figures.
安装完后，要检查并拧紧所有螺母。
The recommended
螺栓参考力矩：
M8=20 N·m; M10=35 N·m; M12=62 N·m

Step 4: Adjust the mechanical downtilt angle
第四步：调节天线的机械下倾角



SL12S174	
Mounting plate distance 安装板距离L(mm)	Down tilt angle 下倾角调节范围
1100±5	0-20°
After the adjustment is complete, tighten all the nuts. 角度调整完成后，拧紧所有螺母。 Only qualified personnel are allowed to install the antenna. 天线的安装需由合格的安装人员操作。	