

4 Preparations for Installing the BTS3012

About This Chapter

This part describes the preparations for installing the BTS3012. Before installing the BTS3012, you need to check the items in the cases and keep the installation tools ready.

[4.1 Unpacking the Cases and Checking the Items](#)

This task describes how to unpack the cases and check the items in the cases. Check whether the cases delivered on site contain all the items mentioned in the packing list.

[4.2 BTS3012 Mounting Tools](#)

This part describes the BTS3012 mounting tools. The BTS3012 mounting tools are classified into universal tools, special tools, and instruments.

4.1 Unpacking the Cases and Checking the Items

This task describes how to unpack the cases and check the items in the cases. Check whether the cases delivered on site contain all the items mentioned in the packing list.

Context

- When transporting or moving the equipment, components, or parts, ensure that they do not collide with doors, walls, shelves, or other objects.
- When transporting, moving, or installing the equipment, components, or parts, avoid touching their uncoated metal surfaces with sweaty or dirty gloves.

Procedure

- Step 1** Check that the packing cases have the same number of products as is mentioned in the packing list.

If...	Then...
The packing cases have the same number of products as is mentioned in the packing list	Go to Step 2 .
The packing cases do not have the same number of products as is mentioned in the packing list	Find the cause and send the feedback to the local Huawei office.

- Step 2** Check whether the packing cases are intact.

If...	Then...
The packing cases are intact	Go to Step 3 .
The packing cases are severely damaged or soaked	Find the cause and send the feedback to the local Huawei office.

- Step 3** Check whether the cases have the same number and types of items as are mentioned in the packing list.

If...	Then...
The cases have the same number and types of items as are mentioned in the packing list	Sign the <i>Packing List</i> along with the customer.
If any item is missing or is wrongly shipped	Fill in the <i>Article Problem Feedback Form</i> .

If...	Then...
If the items are damaged	Fill in the <i>Cargo Replacement Application Form</i> .

**WARNING**

For future protection and maintenance of equipment, store the unpacked equipment and packing materials inside the equipment room. Take photos of the storage environment, the rusted or corroded devices, the damaged packing cases and packing materials. Document the photos.

---End

4.2 BTS3012 Mounting Tools

This part describes the BTS3012 mounting tools. The BTS3012 mounting tools are classified into universal tools, special tools, and instruments.

Prepare all the tools and instruments listed in [Table 4-1](#).

Table 4-1 List of tools and instruments

Universal Tool	Measuring Tool	Long measuring tape, 50 m ribbon tape, 5 m measuring tape, 400 mm level bar, level instrument
	Marking Tool	Marking pen, ink fountain, pencil
	Drilling Tool	Punch drill (some matching bits of $\Phi 6$, $\Phi 8$, $\Phi 10$, $\Phi 12$, $\Phi 14$, $\Phi 16$) and vacuum cleaner
	Fastening Tool	Straight screwdrivers M3–M6 Cross screwdrivers M3–M6 Adjustable wrenches Socket wrenches M6, M8, M10, M12, M14, M17, M19 Double offset ring wrenches M6, M8, M10, M12, M14, M17, M19 Combination wrenches M17 and M19 Long-arm wrench
	Small Tool	Sharp-nose pliers, diagonal pliers, pincer pliers, hand-held electric drill, file, handsaw, crowbar, rubber hammer, claw hammer
	Auxiliary Tool	Brush, tweezers, paper knife, bellows, plumb, electric iron, solder wire, prong, ladder, heat blower, solder absorber, insulation tape

Special Tool	Earth resistance meter, ESD wrist strap, ESD gloves, cable peeler, crimping pliers, feeder cutter, SMB crimping pliers, RJ-45 crimping pliers, wire punchdown tool, wire cutter, non-conductive screwdriver, safety knife, stripper for 75-ohm coaxial cables, connector crimping pliers for 75-ohm coaxial cables, multi-purpose crimping pliers
Instrument	Multimeter, 500 V megohmmeter (for testing the insulation resistance), BER tester, optical power meter

**NOTE**

Before using the instruments, ensure that they have passed the calibration test.