

Huawei Fiber Optic Wall Mounting Panel



Overview

Mounting an ONT onto the wall Mounting an ONT onto the wall For users with limited mobility, the installation distance must be considered. The installation.

Key Takeaways

Huawei fiber optic wall mount panels are installed by securing a wall-mount bracket, arranging cables properly, and mounting the device with attention to grounding and fiber handling. Preparation

- Select the Wall: Choose a vertical, load-bearing wall or reinforced concrete wall capable of supporting the device and bracket weight. For other wall types, reinforce and verify load capacity .

- Tools Needed: Measuring tape, pencil, level, drill, hammer drill, screwdriver, expansion bolts, and appropriate screws .

- Cables and Fiber: Use 0.9 mm loose tube optical fibers with SC/UPC short pigtails. Avoid mechanical splice terminals to prevent fiber coiling issues .

Installing the Wall-Mount Bracket

- Mark Positions: Hold the bracket against the wall and mark the mounting holes with a pencil or marker. Ensure the bracket arrows point upwards .

- Drill Holes: Use a drill bit suitable for the screw diameter. Drill holes to the recommended depth (typically 40–45 mm for expansion tubes), .

- Insert Expansion Tubes: Hammer the expansion tubes flush with the wall .

- **Secure Bracket:** Fasten the bracket using screws and a Phillips screwdriver, ensuring it is firmly attached .

Mounting the Device

- **Prepare Device:** Remove side covers and dustproof panels from the wall-mount bracket. Ensure the device ports face downwards or sideways to prevent dust ingress .

- **Cable Arrangement:** Pre-deploy cables, coil optical fibers at the bottom of the bracket, and reserve extra length to allow device removal .

- **Connect Cables:** Attach optical fibers to the optical ports, DC power cable to the power port, and Ethernet cables to the XGE port if applicable .

- **Mount Device:** Align the device with the bracket grooves and slide it downwards until it clicks into the lock position. Ensure rubber feet or tabs are aligned with mounting holes .

Power Adapter Installation

- If using a power adapter, mark and drill holes for its mounting, then secure it on the wall or within the bracket. Ensure proper heat dissipation and grounding .

- If no adapter is used, prepare a 2-PIN DC power cable according to Huawei specifications .

Safety and Maintenance Tips

- Ensure the device is reliably grounded using a ground cable .
- Maintain a minimum installation height of 800 mm and maximum of 1100 mm for accessibility .
- Avoid pressing on the device edges during installation to prevent damage .
- Verify that the wall and bracket can bear at least four times the device weight for safety . Following these steps ensures a secure, functional, and maintainable installation of Huawei fiber optic wall mount panels.

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