

Allen Tel Products GB212

Allen Tel Products GB212 Wall Mount Fiber Optic Cabinet Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Allen Tel Products GB212 Wall Mount Fiber Optic Cabinet. The GB212 is designed for efficient fiber optic cable management in environments where wall space is limited, offering a secure and organized solution for up to 24 fiber connections.

2. PRODUCT FEATURES

- **Compact Design:** Optimized for installations where wall space is at a premium.
- **Capacity:** Accommodates two adapter panels, supporting up to 24 fiber ports.
- **Cable Management:** Includes an integrated fiber cable management spool for organized routing.
- **Quick Installation:** Adapter panels feature a snap-in design for easy installation, removal, and expansion.
- **Security:** Equipped with a lockable door and key for restricted access.
- **Dust Protection:** Features dust-proof entries at the top and bottom to protect internal components.
- **Complete Mounting Kit:** Supplied with all necessary mounting hardware, including a template for precise installation.

3. SAFETY INFORMATION

- Always disconnect power to any associated equipment before installation or maintenance.
- Wear appropriate personal protective equipment (PPE), including safety glasses, during installation.
- Ensure the mounting surface is structurally sound and capable of supporting the cabinet's weight and its contents.
- Handle fiber optic cables with care to prevent damage and ensure proper performance.
- Do not attempt to modify the cabinet in any way not described in this manual.

4. PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- GB212 Wall Mount Fiber Optic Cabinet
- Fiber cable management spool
- Door lock and key
- Mounting hardware (screws, anchors)
- Mounting template
- Wire management accessories

5. INSTALLATION INSTRUCTIONS

5.1 Site Preparation

1. Select a suitable wall location that is clean, dry, and provides adequate access for installation and maintenance.
2. Ensure the chosen location is free from obstructions and potential sources of damage to fiber optic cables.

5.2 Mounting the Cabinet

1. Use the provided mounting template to mark the drilling locations on the wall.
2. Drill pilot holes at the marked locations, ensuring the correct drill bit size for the provided anchors (if applicable).
3. Secure the GB212 cabinet to the wall using the supplied mounting hardware. Ensure the cabinet is level and securely fastened.

5.3 Installing Adapter Panels

1. Open the cabinet door using the provided key.
2. Align the adapter panels with the designated slots inside the cabinet.
3. Gently push the adapter panels until they snap securely into place. Ensure they are fully seated.

5.4 Fiber Cable Routing and Management

1. Route incoming and outgoing fiber cables through the dust-proof entries at the top or bottom of the cabinet.
2. Utilize the internal fiber cable management spool to maintain proper bend radius and organize excess cable length.
3. Connect fiber cables to the installed adapter panels as required.
4. Use the provided wire management accessories to secure cables and prevent strain.



Figure 1: Front view of the Allen Tel Products GB212 Wall Mount Fiber Optic Cabinet. This image displays the black enclosure with its lockable door and general structure for fiber optic cable management.

6. OPERATION

The GB212 cabinet primarily serves as a passive enclosure for fiber optic connections. Once installed and cabled, its operation involves:

- **Access:** Use the provided key to open the cabinet door for access to fiber connections and internal components.
- **Cable Management:** Ensure all cables remain properly routed and secured within the cabinet to prevent damage or signal loss.
- **Security:** Always lock the cabinet door after accessing to protect the fiber connections from unauthorized tampering or environmental factors.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fiber optic cabinet.

- **Cleaning:** Periodically clean the exterior of the cabinet with a soft, dry cloth. Avoid abrasive cleaners.
- **Internal Inspection:** With the power off to any connected active equipment, open the cabinet and visually inspect fiber connections and cable routing for any signs of damage, dust accumulation, or disorganization.
- **Dust Removal:** Use compressed air or a lint-free cloth to carefully remove any dust from inside the cabinet and around fiber connectors.
- **Security Check:** Verify that the door lock functions correctly and the cabinet remains securely mounted to the wall.

8. TROUBLESHOOTING

Issue	Possible Cause	Solution
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Issue	Possible Cause	Solution
Adapter panels do not fit or are loose.	Incompatible adapter panel type or incorrect alignment.	Ensure adapter panels are designed for the GB212 cabinet. Verify correct alignment before snapping into place. If issues persist, contact support for compatible panel recommendations.
Cabinet door does not lock.	Obstruction or damaged lock mechanism.	Check for any cables or objects obstructing the door closure. Inspect the lock for damage. If damaged, contact support for replacement parts.
Cables are disorganized or under strain.	Improper routing or insufficient use of management tools.	Re-route cables using the internal spool and wire management accessories. Ensure proper bend radius is maintained for all fiber cables.

9. SPECIFICATIONS

Attribute	Value
Model Number	GB212
Manufacturer	Allen Tel Products
Dimensions (H x W x D)	8 x 13 x 3.5 inches
Item Weight	5.63 pounds
Adapter Panel Capacity	2 panels
Fiber Capacity	Up to 24 fibers
Color	Black
Material	Fiber (referring to application, cabinet material is typically metal)
Mounting Type	Wall Mount
Installation Method	Adapter, Wall

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Allen Tel Products GB212 Wall Mount Fiber Optic Cabinet comes with a standard 1-Year Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For specific warranty terms and conditions, please refer to the official Allen Tel Products warranty documentation or contact customer support.

10.2 Customer Support

For technical assistance, troubleshooting, or inquiries regarding replacement parts, please contact Allen Tel Products customer support. Contact information can typically be found on the manufacturer's official website or product packaging.

