



Installation and User Manual

IQH1P

IQ 1U Passive Modular Enclosure

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1. Introduction

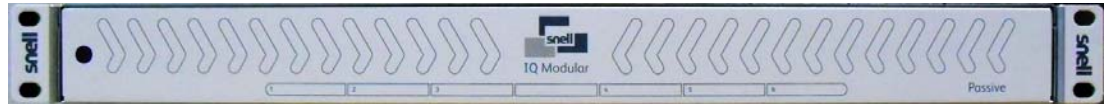
1.1 Description

The IQH1P passive enclosure accepts up to six single-slot passive IQ optical fiber modules. The enclosure can be either front-facing or rear-facing when installed in a 19-inch rack.

1.2 Order Codes

IQH1P: 1U passive enclosure with six module slots.

1.3 Front Panel View



1.4 Rear Panel View

The rear panel is shown here with four fiber modules and two blanking plates fitted.



2. Installation



Caution: This product operates with Class 1 laser products and may be part of a system containing laser sources. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

2.1 Unpacking the Enclosure

The enclosure is supplied in a dedicated packing carton provided by the manufacturer and should not be accepted if delivered in inferior or unauthorized materials.

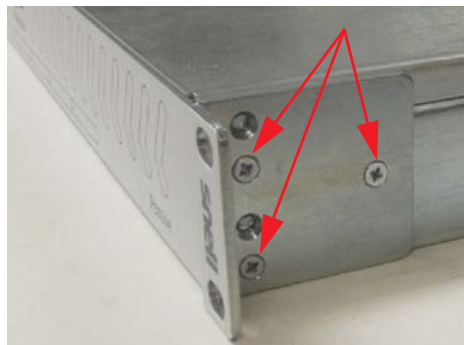
Unpack the carton carefully and check for any damage. Report any damage to Snell immediately.

2.2 Enclosure Orientation

You can attach the rack ears to the front or rear of the enclosure so that either the front panel or the rear panel faces outward when mounted in the rack.

To change the location of the rack ears, for example, from the front to the rear of the enclosure:

1. Remove the three screws securing each rack ear to the front of the enclosure.



2. Locate the screw holes at the rear of the enclosure and attach each rack ear to the enclosure with the three screws.



3. When the rack ears are secured, you can rack-mount the enclosure.

2.3 Rack-mounting the Enclosure

- Before rack-mounting the enclosure, make sure that sufficient space is available. Allow at least 435 mm clearance at the rear of the enclosure installation to ensure that there is sufficient space to install or remove modules.
- When rack-mounting the enclosure, place it on a suitably specified and installed rack shelf and secure the enclosure to the rack using the rack ears.
- Use the correct rack-mount screws or bolts to secure the enclosure to the rack.

2.4 Installing and Removing Modules



The enclosure must have a full compliment of rear panels. Any vacant slots must have a blanking plate fitted.

Important:

Allow at least 435 mm clearance at the rear of the enclosure installation to ensure that there is sufficient space to install or remove modules.

2.4.1 Installing a Module

1. On the rear of the enclosure, choose an empty module slot.
2. Remove the two screws securing the blanking plate to the chosen module slot. Store the blanking plate in a safe place for future use.
3. Align the module with the two rails inside the enclosure, and carefully slide the module in until it is flush with the rear panel.



4. Secure the module with the two screws.

2.4.2 Removing a Module

1. On the rear of the enclosure, remove the two screws securing the module to the slot.
2. Carefully slide the module out of the enclosure.

If you are installing a different module, see section 2.4.1, steps 3 and 4. If you are leaving the slot vacant, proceed as follows:

3. Fit the blanking plate to the empty module slot and secure the blanking plate with the two screws.