

OPX1000 Communication Adapter Kit (Revision B to C)

Part Number: OPX1K-CMK-BC

Overview

The OPX1000 Communication Adapter Kit (Revision B to C) is designed to unify the optical I/O interface layout of OPX1000 chassis units across hardware revisions. Specifically, it allows customers using revision B units to interface seamlessly with revision C systems by passively re-aligning optical signal paths.

This kit ensures interoperability across revisions without requiring internal hardware changes. Once installed, revision B units will behave identically, interface-wise, to revision C units.

Kit Contents

- 4× MPO Optical Cables (Short Length)
- 4× MPO Female-to-Female Adapters

When to use

- When connecting a revision B chassis to a Revision C chassis
- When connecting a revision B chassis to an OPNIC (DGX Quantum)

Note

It is possible to connect revision B chassis if they are both equipped with the kit. Therefore, we recommend installing the kit on all revision B systems in use; standardization is strongly recommended for optimal interoperability and serviceability. See Figure 4 below.

Installation Instructions

1. Identify the revision by looking at the sticker on the back side (bottom left) of the chassis (see Figure 1 below).
2. Connect the four supplied optical cables to the four communication ports at the back of the chassis (see Figure 1 below).
3. Remove the black dust covers from the MPO Male-to-Female Adapters (see Figure 2 below).
4. Connect the four supplied female-female adapters to the optical cables (see Figure 4a below).
5. When there's a need to connect other devices, connect them to the adapters with another optical cable (see Figure 4b below).

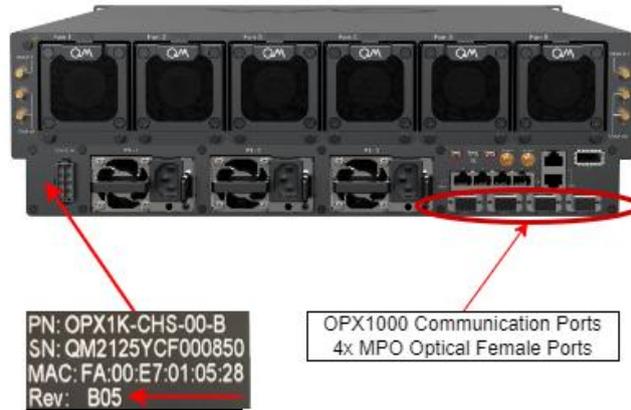


Figure 1 – Location of the sticker for a chassis with Revision B (B05) and the four optical ports



Figure 2 – The MPO female-to-female adapter with the black dust covers

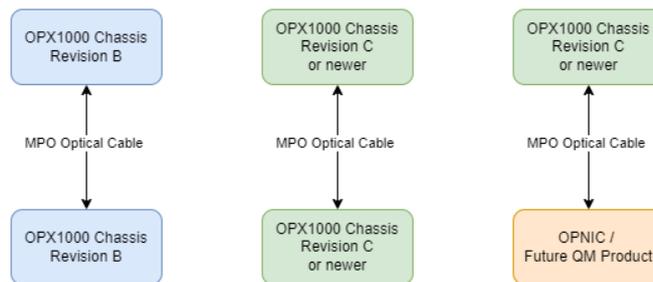


Figure 3 – Cases in which there is no need for the adapter kit

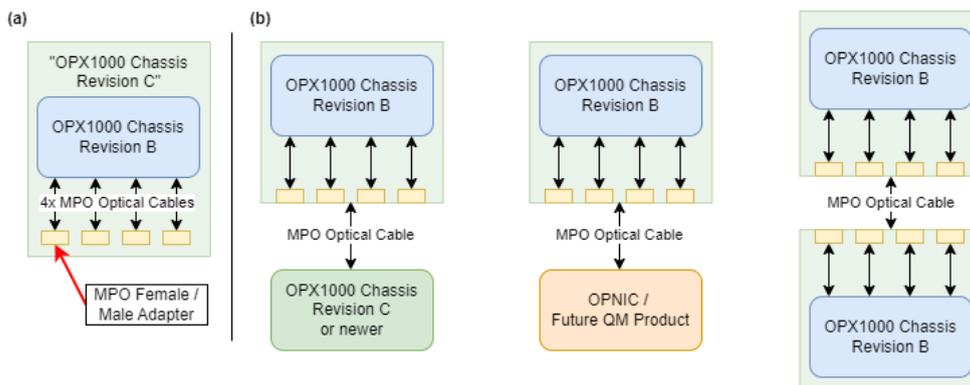


Figure 4 – (a) Connecting the four MPO Optical cables and 4 MPO adapters converts a Revision B chassis into a Revision C chassis. (b) Using the adapters allows connecting the chassis to other products

Contact Us

For installation issues and assistance, please contact Quantum Machines support. Refer to the documentation website at <http://docs.quantum-machines.co/> for the most up-to-date support information.