

DAC10G/DAC25G/ DAC100G Series

User's Guide

Copyright © 2025 Zyxel and/or its affiliates. All rights reserved.

Warranty

Thank you for purchasing Zyxel product. Zyxel has the great reputation in the market to provide best quality and performance on product and service to our customer. It

is our pleasure to invite you to visit our website and register your product for receiving the latest product-related information. If you still have further question or problem related to the product, please contact your vendor or our subsidiaries worldwide for further warranty information, kindly be noted the warranty terms may vary by regions, detail information is available on our website, please link to: http://www.zyxel.com/support/warranty_information.shtml.



Support Information

EU

<https://support.zyxel.eu>

USA

+1 800 255 4101
support@zyxel.com

EU Importer

Zyxel Networks UK Ltd.
2 Old Row Court, Rose Street, Wokingham,
RG40 1XZ, United Kingdom (UK)
<https://www.zyxel.com/dk/dal/>

UK Importer

Zyxel Networks UK Ltd.
2 Old Row Court, Rose Street, Wokingham,
RG40 1XZ, United Kingdom (UK)
<https://www.zyxel.com/uk/en/>

US Importer

Zyxel Communications, Inc
1130 North Miller Street Anaheim, CA 92806-2001
<https://www.zyxel.com/us/en/>

Handling, Safety and Environmental Guidelines

Read the following guidelines before installing and using a DAC cable.

Handling Warning

DAC cables are static sensitive. To prevent damage from electrostatic discharge (ESD), it is recommended you attach an ESD preventive wrist strap to your wrist and to a bare metal surface when you install or remove a DAC cable.

DAC cables are dust sensitive. When not in use, keep the dust cap on.

Note: Do NOT force or twist the DAC cable into or out of a fiber-optic port.

Safety Warning

All fiber-optic modules are equipped with a Class 1 laser, which emits invisible radiation. Read the following safety warnings carefully.

- To avoid possible eye injury, do not look into an operating fiber module's ports.
- Laser radiation is present when the Switch or system is powered up.
- Only trained and qualified personnel should be allowed to install or replace these modules.
- CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

Note: Class 1 Laser Product.
Appareil A' Laser De Classe 1
Laser Produkt Der Klasse 1.

Environmental Warnings

Dispose your DAC cable according to all national laws and regulations.



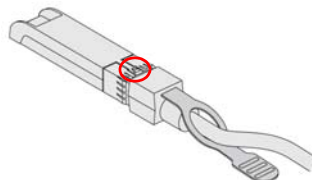
Installing and Removing a DAC Cable

Note: Do NOT remove and install a DAC cable more often than is absolutely necessary. Doing so may shorten the useful life of the DAC cable.

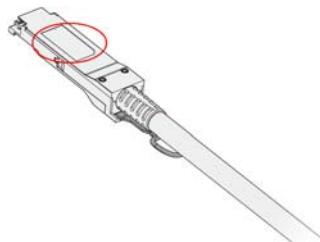
Installing a DAC Cable

See the steps below to install a DAC cable into a fiber-optic port.

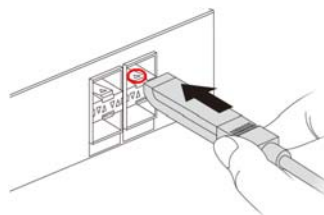
- 1 Attach an ESD preventive wrist strap to your wrist and to a bare metal surface.
- 2 Remove the DAC cable from its anti-static container and remove the dust cap from the DAC cable.
- 3 Find the triangle-shaped bump on the DAC10G/DAC25G cable connector.



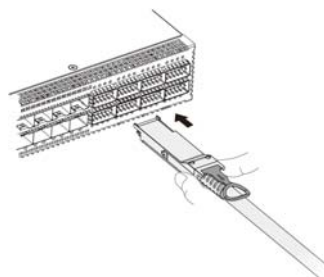
Or, locate the label on the DAC100G cable connector.



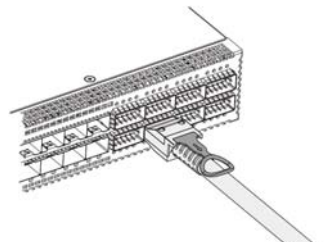
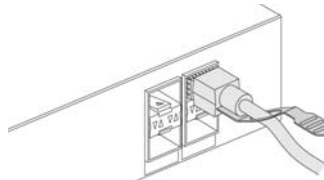
- 4 Align the DAC10G/DAC25G cable in front of the fiber-optic port on a Switch, with the bump facing the triangle-shaped hole inside the fiber-optic port.



Or, align the DAC100G cable in front of the fiber-optic port on a Switch, with the label on the bottom.



- 5 Insert the DAC cable into the fiber-optic port until the DAC cable connector snaps into place.



- 6 Insert the other end of the DAC cable into a remote device.

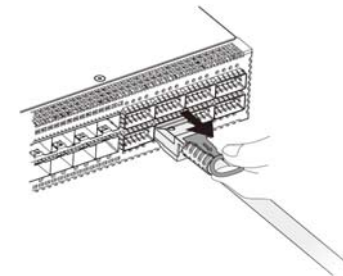
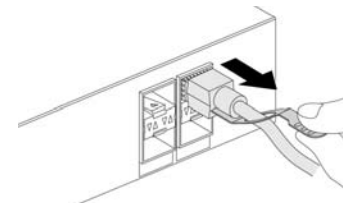
Note: Do NOT insert the DAC cable into a 1-Gigabit SFP fiber-optic port.

Refer to the User's Guide that comes with your Switch for the fiber-optic port LED status.

Removing a DAC Cable

See the steps below to remove a DAC cable from the fiber-optic port.

- 1 Attach an ESD preventive wrist strap to your wrist and to a bare metal surface.
- 2 Using your thumb and index finger, grasp the cable release ring and carefully slide it out of the fiber-optic port.



- 3 Place the dust cap onto the DAC cable connector and place the DAC cable into its anti-static container.