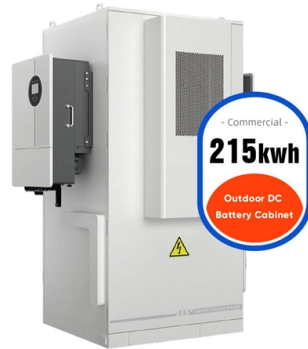


Xg interface GE optical module



AI Overview

XG optical modules are generally not compatible with standard GE (1 Gigabit Ethernet) ports; compatibility depends on the device and vendor specifications.

Key Points on Compatibility

- **Vendor Restrictions:** Some devices, such as Huawei eKitOptiX F1002-AC-H1, explicitly do not support GE/10GE optical modules in conjunction with their ports and recommend using vendor-approved modules instead (BOM code 34060599) for proper operation .
- **Device-Specific Support:** Certain network devices, like the Calix E7-2 AXOS XG801 line card, support both GE and 10GE SFP+ modules, but each interface must match the module type. The card provides SFP+ interfaces that are mechanically compatible with SFP modules, allowing 1GE or 10GE operation, but XG modules cannot be used in standard GE-only ports .
- **Discontinued Modules:** Some XG and GE optical modules, such as XG-LR-SM1310 and XG-SR-MM850, have been officially discontinued, which may limit options for upgrading or replacing modules in existing GE devices .

Practical Implications

- Do not insert XG modules into standard GE ports unless the device explicitly supports mixed-speed operation. Doing so may result in non-functioning links or hardware incompatibility.
- Check vendor documentation for supported optical modules for each device. Many vendors provide a list of compatible SFP/SFP+ modules to ensure proper operation....

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