



Fiber

SFP/SFP+ Modules and Cabling

Single-Mode, Multi-Mode, or Copper Compatibility

1 Gbps Using SFP or 10G Speeds Using SFP+

BiDi Models for Reuse of Existing Infrastructure



FiberModule™

Overview

Ubiquiti Networks offers a variety of U®Fiber modules to suit your fiber connectivity applications.

Two multi-mode models are available:

- UF-MM-1G: SFP, 1 Gbps
- UF-MM-10G: SFP+, 10 Gbps

Three single-mode models are available:

- UF-SM-1G-S: SFP, 1 Gbps, BiDi
- UF-SM-10G: SFP+, 10 Gbps
- UF-SM-10G-S: SFP+, 10 Gbps, BiDi

Two copper models are available:

- UF-RJ45-1G: 10/100/1000 Mbps
- UF-RJ45-10G: 1/10 Gbps

Indoor Runs

For convenient multi-mode connections that extend beyond the 100-meter limitation of Ethernet cabling, use the UF-MM-10G for distances of up to 300 m and speeds of up to 10 Gbps, or use the UF-MM-1G for distances of up to 550 m and speeds of up to 1 Gbps.

To connect copper Ethernet cables to SFP ports, use the UF-RJ45-10G in an SFP+ port for speeds of up to 10 Gbps and distances of up to 30 m, or use the UF-RJ45-1G in an SFP port for speeds of up to 1 Gbps and distances of up to 100 m. For short distances of 1 to 3 m, use the UDC-1, UDC-2, or UDC-3 direct attach passive copper cables between SFP+ ports for speeds of up to 10 Gbps.

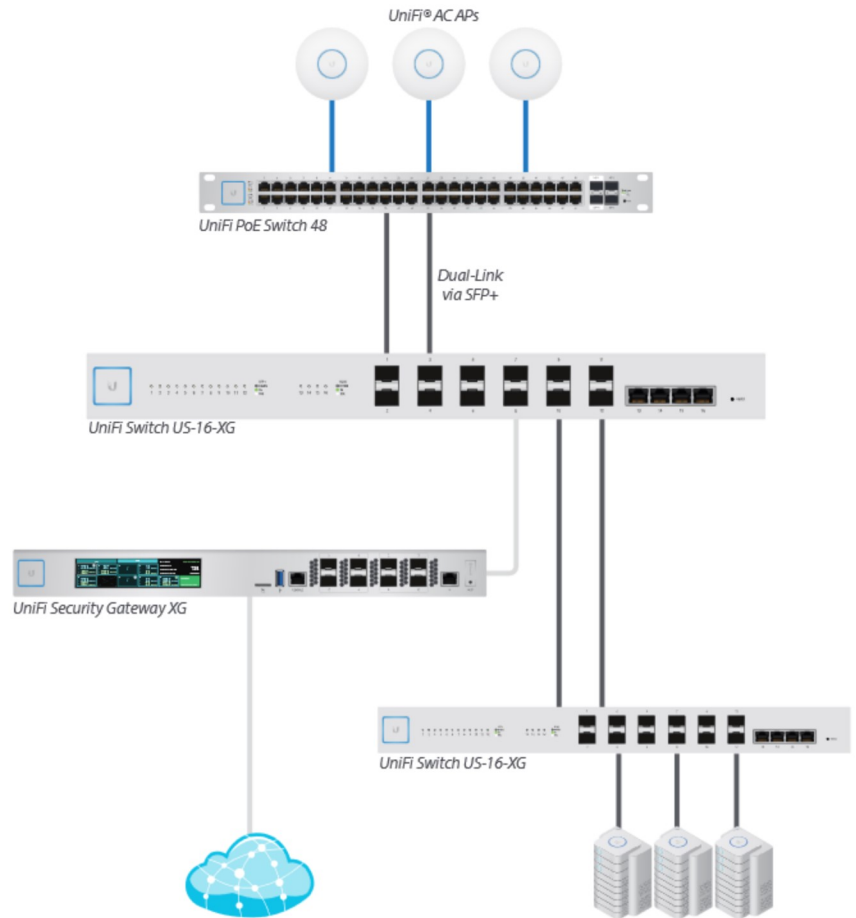
Outdoor Use

For long-distance single-mode runs, use the UF-SM-10G for distances of up to 10 km at 10 Gbps, or use the UF-SM-1G for distances of up to 3 km at 1 Gbps. To protect DC power and fiber, deploy EdgePoint® with EdgePower™.

Deploy a BiDi (BiDirectional) model, UF-SM-1G-S or UF-SM-10G-S, to maximize re-use of existing infrastructure. You must deploy a BiDi model as a paired set of modules because the pair uses two different wavelengths, upstream and downstream, on a single fiber.

Application Examples

UniFi Site



Tower Installation

