

Designing Optigo Connect for high-rise buildings

Build a bid with Optigo Connect.

In order to build a bid with Optigo Connect, you'll need a Smart Aggregation Switch and Network Controller, Passive Optical Splitters, couplers, a software license, and Edge Switches. Start with an ONS-C401i Edge Switch, and if you need to increase density, you can upgrade to a larger switch at any time.

Follow our simple formula for standard, 15-floor high-rises, and contact your sales representative for more information.

Aggregation Switches:

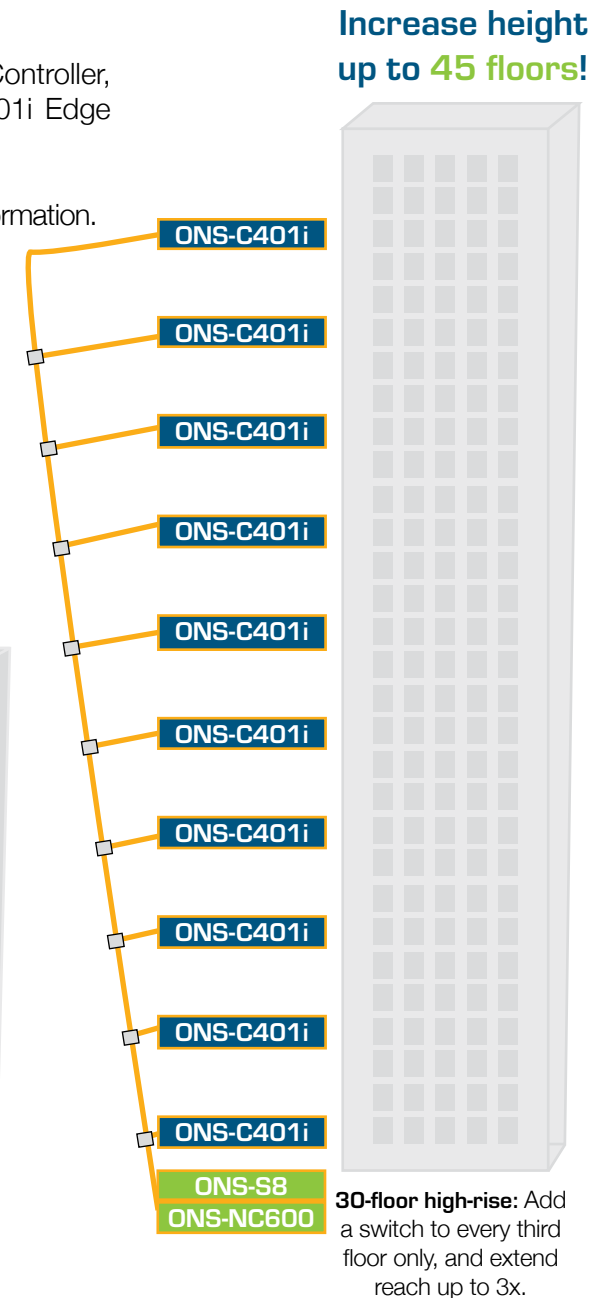
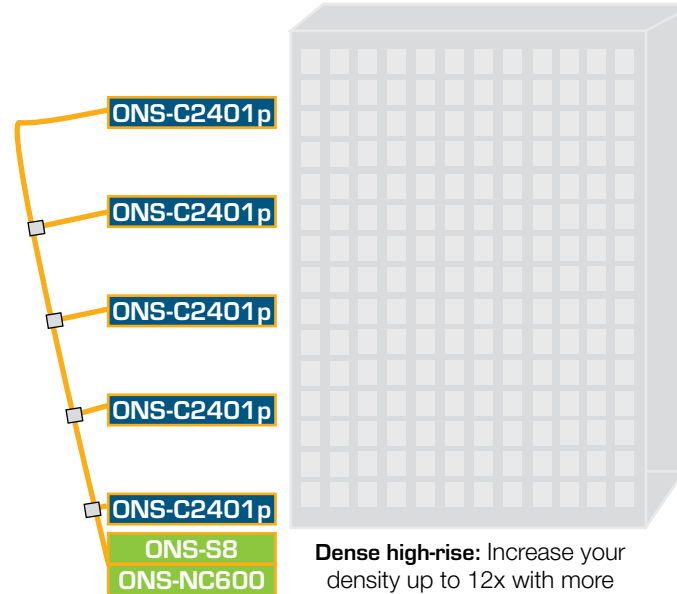
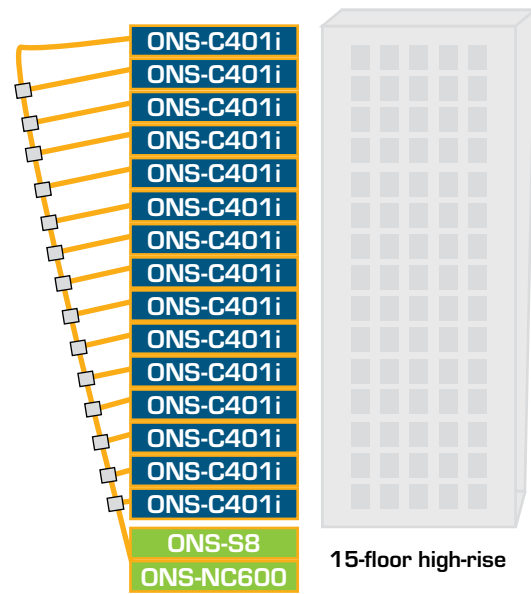
- ONS-S8 = 1
- ONS-NC600 = 1
- ONS-SX-SFPs = 1 per 15 switches
- ONS-SW-100P = 1 license included for first 100 ports.
A license must be purchased per additional 100 ports.

Splitters and Accessories:

- ONS-YPS-2-A5-LR = 7
- ONS-YPS-2-A10-LR = 6
- ONS-YPS-2-L = 1
- ACC-CPL-SC = 1 per splitter connection

Floor Switches:

- ONS-C401i = 1 per floor
- ONS-CX-SFPs = 1 per switch



Increase height up to 45 floors!

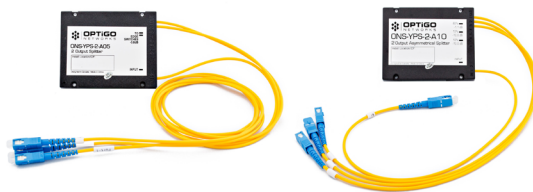
Your Optigo Networks shopping list

1. Get a Smart Aggregation Switch and Network Controller.



ONS-S8 and ONS-NC600

2. Split where you need.



ONS-YPS-2-A05-LR ONS-YPS-2-A10-LR

The **Smart Aggregation Switch** and **Network Controller** give you complete, centralized network management through the **Optigo OneView GUI**.

Passive Optical Splitters extend your reach and optimize your use of fiber. Options to split fiber up to 32 different ways allow you to customize the topology to fit the layout of your smart building, and design a passive daisy-chain, ring, or other topology. Add a **coupler** for every splitter connection.

In a high-rise, use the **ONS-YPS-2-A05-LR** to connect the first seven switches, **ONS-YPS-2-A10-LR** for the following six switches and the **ONS-YPS-2-L** for the last two switches in the daisy chain.

3. Choose your Edge Switches.



ONS-C401i, ONS-C801pi, ONS-C810p, ONS-C1601pi, ONS-C2401p, and ONS-C4801p

4. Factor in your SFPs.



ONS-SX-SFP

ONS-CX-SFP

Choose your **Edge Switch** based on the number of ports you need, and where you want to mount the switches. Options for rack- or DIN rail-mounted switches suit any application. If you need more ports as the network scales and changes, you can upgrade to a larger switch at any time.

ONS-CX-SFPs and **ONS-SX-SFPs** (Small Form-factor Pluggables) are required for use with every Edge Switch and Smart Aggregation Switch. They provide more bandwidth and flexibility in network design, and allow you to connect at the BMS, VMS, and Uplink.