

## Can optical module stacking cables be used as cascading cables

### Overview

When setting up a stack, ensure that optical modules and cables on ports used for stack connections are properly installed and these ports are Up. Switch stacking is to combine multiple switch devices that support stacking features, and then use dedicated cables and modules to plug in ports with stacking functions, connect these switches together, and combine them logically into a switching device. Secondly, the AOC active optical cable consists of an optical cable with fixed lengths at both ends and two modules, and the module and the cable cannot be. Stack setup just requires ordinary service cables instead of dedicated stack cables. Optical ports can be connected using high-speed cables, AOC cables, or optical modules+fibers. So, what exactly are these solutions and how do they. Depending on the switch model and the number and type of stacking ports, the bidirectional stacking link provides 40 Gbps, 80 Gbps, or 160 Gbps full-duplex bandwidth.

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	<p>If it is feasible to stack the switches, stack them. If not, the arrangement in your diagram, with servers, firewall, WiFi APs, printers etc. connected to the middle switch.</p>
	<p>This design is not ideal for long-distance stacking when using DAC or other short-range stack cables. However, if a single stack link fails, the ring automatically degrades into a chain ...</p>
	<p>Stacking connections using the native stacking ports require stacking cables that are specific to the type of stacking port. These cables are available from Extreme Networks in lengths from 0.5 meter to 100 ...</p>
	<p>Clustering involves managing multiple switches as a single unit using software without requiring physical connections, like ...</p>
	<p>Stack setup just requires ordinary service cables instead of dedicated stack cables. Optical ports can be connected using high-speed cables, AOC cables, or optical modules+fibers.</p>

	<p>To sum up, from the perspective of practicality and economy, DAC should be used for data transmission or switch stacking below 7 meters. AOC is used for data transmission or stacking ...</p>
	<p>There are various connection solutions available for switching networks, such as optical modules + optical fibers, Active Optical Cables (AOC), and Direct Attach Cables (DAC).</p>
	<p>Switch stacking through optical modules can achieve high network reliability, large network data forwarding, and simplified network management.</p>
	<p>There are various connection solutions available for switching networks, such as optical modules + optical fibers, Active Optical Cables (AOC), ...</p>
	<p>So, which type of cable should be used for stacking? Our video will tell you the answer. Products in video: S7300-48X2Q4C: <a href="https://">https://</a></p>
	<p>Switch stacking is to combine multiple switch devices that support stacking features, and then use dedicated cables and modules to plug in ports with stacking functions, connect these ...</p>

	<p>Clustering involves managing multiple switches as a single unit using software without requiring physical connections, like stacking cables. Clustering allows centralized management while ...</p>
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## Contact Us

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