

The RUCKUS® optics advantage



The value of RUCKUS optics

Optics are critical components that can make or break your network. The quality of the optics you deploy will dramatically affect the overall performance and reliability of your entire network. When you deploy RUCKUS optics with RUCKUS switches, you are guaranteed the best user experience. RUCKUS cannot make the same guarantees with third party optics.

- **Streamlined TAC experience:** Single point of support for switches and optics enables fastest problem resolution and minimizes downtime
- **Highest reliability:** We select the best optical transceivers from the top tier vendors to insure the highest reliability.
- **Guaranteed compatibility:** We test every RUCKUS optic with every RUCKUS switch to insure full compatibility. RUCKUS switches are tuned to deliver the best performance with RUCKUS optics.
- **Full compliance:** All our optics are tested for compliance with the latest industry standards.
- **International certifications:** Every RUCKUS optic has been certified with US and international safety agencies to comply with the latest country laws and regulations.
- **Warranty:** RUCKUS optics come with a five-year warranty for peace of mind.

For the best performance, reliability, compliance and support experience, deploy RUCKUS optics with your RUCKUS switches!

The risk of deploying third party optics

Unlike RUCKUS, third party vendors do not test their optics with the entire line of RUCKUS ICX switches. Only limited testing with a few RUCKUS switches is conducted to claim compatibility. RUCKUS cannot guarantee third party optics will work reliably with RUCKUS switches.

- **Risk of equipment damage:** A low quality or defective third-party optic could be running hot or cause an electrical surge that can damage the switch, voiding the warranty for the customer.
- **Compatibility risk:** Optics might not operate with the specific ICX model you acquired or might stop working after a switch software update.
- **Safety risk:** Without proper certification by safety agencies, the laser could be running too hot or too cold creating a safety hazard.
- **Reliability risk:** The quality of the optical transceiver could be lacking, introducing issues such as out of specs power dissipation, noise tolerance, or bit rate error resulting in data loss.
- **Stacking issues:** Stacking links require tighter tolerance to operate properly. RUCKUS cannot guarantee stacking will function reliably with third party optics or cables. This is a common issue with third party transceivers.
- **Lack of consistency:** Third party vendors frequently switch suppliers without running extensive re-certification or qualification plans. The transceivers you received last time might differ greatly from the ones you will get with your next order.