



Independent and controllable network security to 5G optical modules

Alongside the new capabilities in 5G, there are also changes in how networks are built, secured, and managed.

This white paper introduces a control paradigm for optical modules that decouples optical layer control from packet layer control and thus, from host software and packet controller software ...

As 5G technology continues to advance, we are on the brink of entering an even more exciting era--5.5G. Compared to the current 5G networks, 5.5G offers higher data transmission ...

This white paper describes the network infrastructure design principles that commercial and private 5G network operators can use to improve cybersecurity and privacy.

Integration of RIS technology with PLS in RF communication systems holds substantial potential for addressing security challenges in wireless networks and enabling secure and reliable communication ...

The increasing deployment of fiber and the transition towards networks supporting rapid and frequent state changes calls for intelligent, fast and reliable management of optical network security.

Take advantage of intelligent optical modules in a pluggable form factor, which unleash functionalities previously only supported at the transponder level, with fast service turn-up and advanced ...

In this article, we first discuss the potential security threats and present several existing solutions against security threats in optical access networks from the perspective of the medium access control and ...

The architecture of optical security management is shown, with special attention to how well it integrates with current optical-layer controllers and how it facilitates the coordination of security ...



Independent and controllable network security to 5G optical modules

Web: <https://maxtools.co.za>

