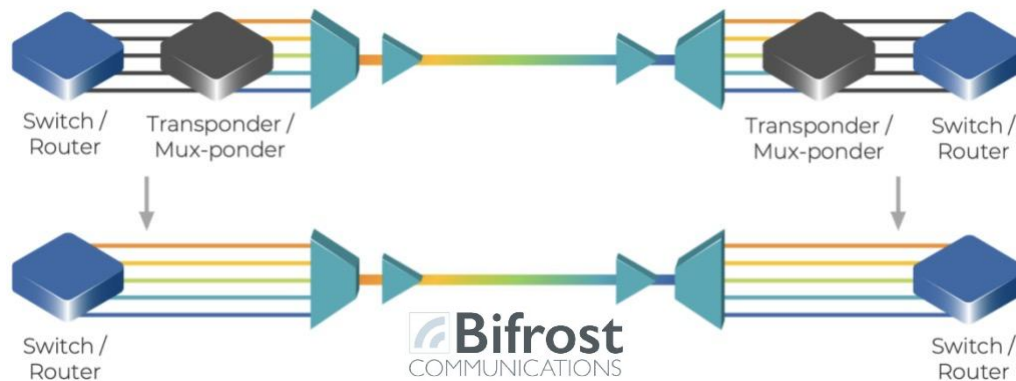


Examples of Bifrost Quasi-Coherent (QC) Applications

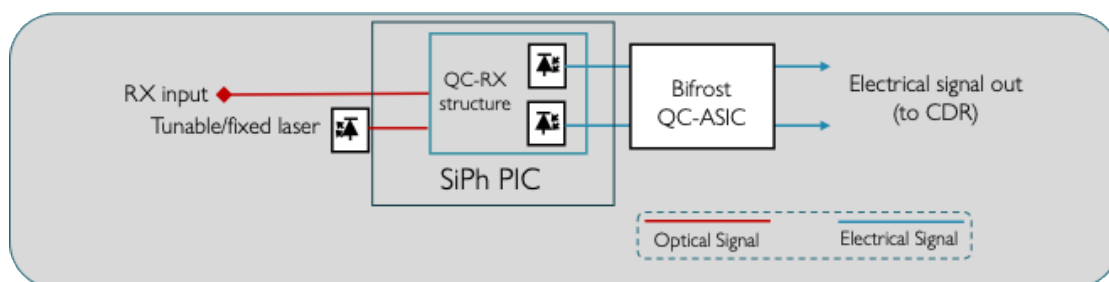
Bifrost QC – Tunable Pluggable for 5G Fronthaul



Bifrost Communications IP over DWDM (IPoDWDM) pluggable receiver is used in IP routers and switches to integrate directly into an Optical Transport Network (OTN), enabling IP traffic to be transmitted directly over specific optical wavelengths, bypassing traditional intermediate layers.

By using Bifrost’s pluggable receiver to directly integrate IP and optical, the IPoDWDM simplified network architecture leads to enhanced throughput and reduced latency.

Bifrost Communications technology:



By introducing the Quasi-Coherent receiver technology, the network will meet the transport requirements of 5G front haul network and other next-generation intelligent transport networks, by adopting Segment Routing over IPv6 (SRv6) and Ethernet Virtual Private Network (EVPN) as fundamental protocols, and still maintaining low cost and power consumption while providing 25 Gbps and 50 Gbps connections.