



QUAD-10G MODULE

For the 4200 Family

Features and Benefits

- Reduces power and space costs by delivering 4 x 10G wavelengths in a single slot for any 4200 Advanced Service Platform chassis
- Increases service velocity through 10G pluggable optics used at both line- and client-side
- Supports a wide range of client signal rates spanning from 9.95Gb/s to 11.09Gb/s
- Provides market-leading shelf density and chassis capacity at 640G
- Offers ultra-low-latency configuration mode, optimized for applications such as high-frequency trading

The Quad-10G Module addresses customer requirements for a transponder with higher density, increased flexibility, and more adaptive signal rates by condensing 40 Gb/s worth of client signals into a single slot module.

By using the Quad-10G, customers can deploy solutions for 10 Gb/s client services with industry-leading density at both large central office sites, using the 4200 RS with up to 640G capacity, or at edge/aggregation sites, using the 4200 shelf with up to 130G capacity of processing signals. The Quad-10G is ideally suited to metro infrastructure, enterprise, and carrier-managed services applications.

The Quad-10G can host four times the density of Ciena's F10-T 10G Transponder Module. Four groups of line (XFP) and client (SFP+) ports can be provisioned individually to give the system maximum flexibility. The line-side XFP ports support a tunable 10G network interface in a pluggable form factor, benefitting customers through simplified inventory and decreased network planning costs, and protecting their investment against network churn. The client-side SFP+ ports minimize footprint and enable a version of the module that fits in the smaller 4200 and 4200 MC chassis, bringing the

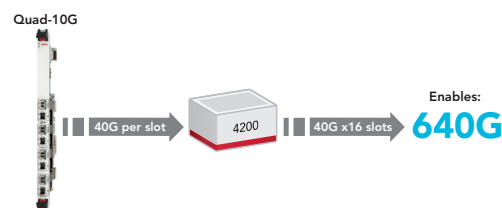


Figure 1. 640G capacity per shelf

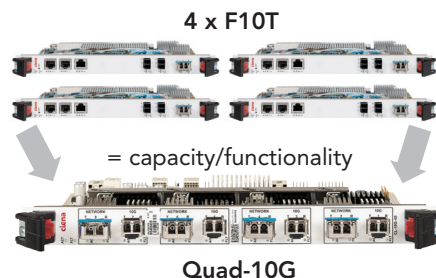


Figure 2. Quad-10G equivalent to 4x F-10T