

## Efficient 100G Transport



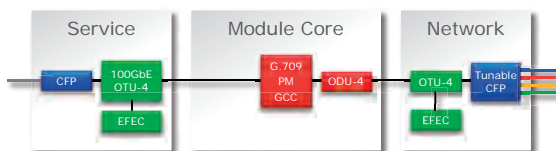
### When Price, Space and Power Matter Most

Telecom service providers and enterprises have made it clear – they need 100G transport technology in their networks in order to handle increased data traffic and bandwidth consumption. While the industry has moved quickly with the development of 100G, speed isn't everything. Spectral efficiency, price, space and power dissipation metrics also have to be improved over today's 10G and 40G offerings. Our 100G Metro modules are simply the most efficient way to transport your data traffic in enterprise and data center applications today.

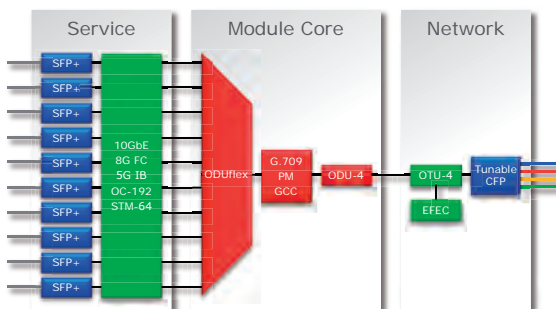
### Optimized for Metro Applications

Our 100G Metro transponder and muxponder modules in the FSP 3000 are optimized for enterprise and data center applications bridging distances up to 200km without mid-span access. Rather than being a simple multiplexer, the metro muxponder module lets you carry a wide variety of protocols including Ethernet, Fibre Channel, InfiniBand and SONET/SDH. Its flexible client architecture enables a future migration path as service providers can install 100G transport links even when the customer premises equipment is not yet ready for it. Both 40G and 100G client signals are supported with the use of a breakout cable. An adjustable EFEC allows optimizing the tradeoff between gain and latency.

100G Metro Transponder



100G Metro Muxponder



### Key Benefits

- Lowest cost-per-bit transport available today
- Compact design for industry-leading space efficiency
- Low power consumption and minimum heat dissipation
- Over twice the spectral efficiency of 10G transmission
- Wide selection of LAN, SAN and SONET/SDH client protocols
- Ultra-low latency for high-performance data mirroring



