



# F10-T TRANSPONDER MODULE

For the 4200 Family

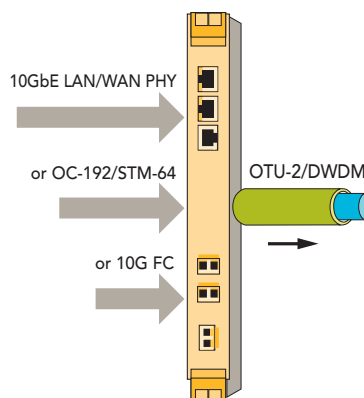
## Features and Benefits

- Promotes flexibility and eases management with pluggable XFP transceiver
- Features two 10G ports offering multiservice 10G transponder and regenerator functions
- Supports any 10G service, including overlocked services such as 10GbE LAN and 10G FC, in addition to sub-10G OC-192/STM-64 and 10GbE WAN client services
- Provides superior optics capabilities resulting in extended transport distances for regional applications up to 1500 km
- Offers optional integrated optical protection switch for network port
- Allows remote provisioning of all supported services

The F10-T module for the 4200 Family is a multi-function transport module that transponds and regenerates a range of 10G services—including standard G.709 and elevated 11.05G OTU-2.

The module also provides the system controller function for the 4200 MC 2-slot and 4200 5-slot Advanced Services Platforms to govern system provisioning, alarm monitoring, and communication with Ciena's ON-Center® Network and Service Management Suite.

The F10-T is equipped with two full-duplex optical ports. The first, a pluggable XFP transceiver port equipped with Ciena's unique FlexiPort technology, connects high-speed client services such as 10 Gigabit Ethernet (GbE) Local Area Network/ Wide Area Network (LAN/WAN) PHY, OC-192/STM-64, 10G Fibre Channel (FC), and even regenerated OTU-2 with complete service transparency, meaning that each client bit is delivered at the far end exactly as it was received at the near end. The other, a network port implemented in discrete Dense Wavelength Division Multiplexing (DWDM) optics, is intended for long-range transport. This network port can be equipped with a fixed- or tunable-wavelength transmitter and can be protected with optional protection switching.



*The F10-T can transpond or regenerate any 10G service onto OTU-2 DWDM.*