**Tributary Service Interfaces for Ciena’s 6500-S32 Packet Transport System (PTS)**

* **PDH Modules:**
  + PTS PDH I/F 2xDIM: 168xDS1/E1 ports or 48xDS3/E3/EC1 CEM
  + PTS PDH I/F 10X DIM 1:N PROTECTION: up to 1:5 PDH protection
  + 84xDS1/E1 DIM
  + 24xDS3/E3/EC1 DIM
  + unprotected, 1:1 protection or 1:5 protection
* **MRO Module:**
  + PTS MRO I/F 2xSFP+/14xSFP: 16x SFP (16xOC-3/12/STM-1/4, 8xOC-48/STM-16, 2x OC192/STM-64, or 16x100FX/GbE (10/100/1000BaseT), or 2x10GbE ports
* **Ethernet Module:**
  + PTS ETH I/F 40G 16 PORT (4X SFP+/16X CSFP) CIRCUIT PACK
    - 4xSFP+ (4x10GE)
    - 16xSFP (16x 10/100BaseT/ 100FX/ GE)
    - 16xCSFP (32 GE ports)
    - PTS ETH I/F 100G 12 Port (2x QSFP28/10xSFP+) Circuit Pack
    - 1xQSFP+ (1x40GE, 4x10GE)
    - 1xQSFP+/QSFP28 (1x100GE, 1x40GE, 4x10GE)
    - 10xSFP+ (10x10GE)
* **DWDM Module:**
  + OTR WL3n Enh: 1xQSFP28
  + Any module; any slot