Each IEEE 802.3 compliant GE-PON Platform Interface Module (PIMs) offers industry leading bandwidth of up to 1250 Mbps downstream/downstream and advanced QoS and dynamic bandwidth management. Up to eighteen (18) GE-PON PIMs may be installed in a single TRIDENT7™ Universal Access Platform (T7) OLT and one in the compact, hardened T7 Compact OLT (COLT). Each GE-PON module provides four (4) 1000BASE-PX-20 interfaces via Small Form-factor Pluggable (SFP) SC/UPC connections.
SPECIFICATIONS

Subscriber-Side Interfaces
- 18 PIMs per chassis x 4 PONs per PIM = 72 PONS
- 72 PONS with 1 x 32 split = 2,304 GE-PON ONTs per OLT

Management
- T7 Element Management Suite
- Flow-Through Provisioning
- Strong QoS & SLA Enforcement Tools
- GUI & Cisco-based CLI
- SNMP

Environmental Operating Temperature
- -40° C to 60° C

Humidity
- 10% to 90% relative humidity, non-condensing
- Standard relay rack (19” or 23”)

Safety
- ANSI / UL60950-2000 with UL50
- FCC FDA CFR21, Part 1040
- USDA Rural Development Listed

NEBS
- NEBS Level 1
- NEBS Level 3 (pending)

EMI/EMC
- FCC CFR47
- EN 55024: 1998
- EN 55022: 1998

Reliability
- MTBF redundant configuration availability:
  - >0.99999 at 40°, ground fixed in accordance with Telecordia TR-332

Service
- Modular design for ease of maintenance and upgrades
- All modules are hot-swappable

Mounting Options
- Standard relay rack (19” or 23”)

For more information visit www.enablence.com

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