

SOLUTION OVERVIEW

XGS-PON and 10G EPON Pluggable Solution

Champion ONE and Tibit Communications have teamed up to bring you a revolutionary solution that makes 10G PON deployments faster, simpler, more flexible, and more cost-effective than ever before. This solution integrates the functionality of application-specific PON OLT equipment into a standard SFP+ form factor that can be deployed in a new or existing Ethernet switch to fulfill a wide range of FTTx applications.

Key Benefits

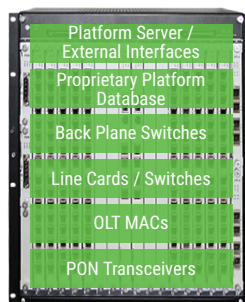
When you eliminate PON-specific hardware, you get:

10G
Symmetrical
Data Rates

60%
Lower Cost of
Deployment

60%
Footprint
Reduction

40%
Lower Power
Consumption

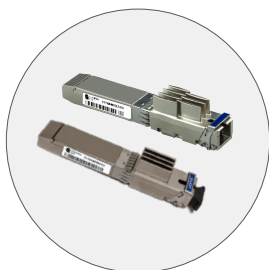


MicroPlug OLT fits **all** OLT-specific hardware functionality into a single transceiver

Key Applications

Industry	Application
Telcos	Fiber to the home (FTTH), fiber to small and medium businesses
Cable / MSOs	Node and remote based OLT deployment
Utilities	Connectivity to substations and new network overbuilds
Universities/SLED/Enterprise	10G Passive Optical LAN for campus deployment, including Fiber to the Desktop

Solution Components



OLT and ONU Transceivers



Ethernet Switch and ONU Hardware



Passives: Mux/Demux, Splitters, and more



Switch NOS and PON Management Software