Application Note
Installation of Passive Optical LAN Components in Consolidation Point Enclosures

The Leviton Opt-X PON solution provides a full channel connectivity solution to distribute Passive Optical LAN topology.

This application note provides information that allows for simple installation of the Leviton Opt-x PON components in traditional Consolidation Point enclosures.

Consolidation Point Enclosures are available in a wide variety of sizes and configurations. Leviton offers CP’s that are installable in both ceiling and Raised Access Floor applications.

All Opt-X PON cassettes and adapter plates are mountable in any standard 19" Rack unit space utilizing the Opt-X 500i flush mount panels. The below images show 1x32 Splitter cassettes and the appropriate adapter plates installed in both 3RU and 1RU panels.

The flush mount panels can be mounted in consolidations point enclosures with a minimum of 2RU mounting spaces. Consideration should be made for rack unit rails with an angled orientation to allow for proper bend radius control and cassette depth.

The following images identify the possible mounting scenarios in Levitons Z1000 series Passive Consolidation Point enclosures.
Summary – Leviton Zone Enclosures are compatible with the Opt-X PON solution, providing high capacity and ease of installation in both ceiling and floor mounted environments. For more information go to: www.leviton.com/OptXPON.