

Application Note

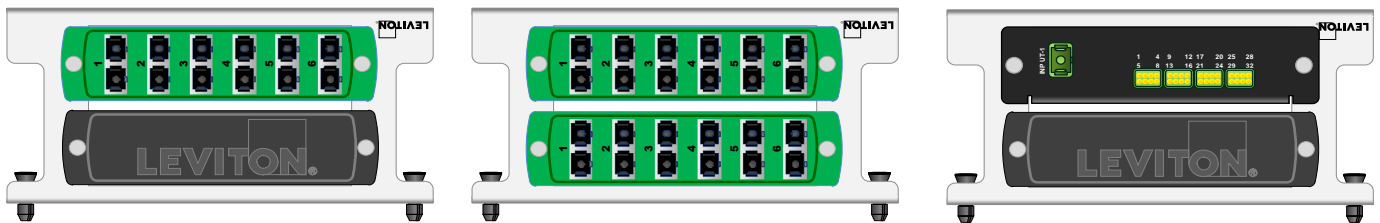
Structure Media Center Enclosures utilized as a cost effective Consolidation Point

Structured Media Center Enclosures are available in a wide variety of sizes and configurations. The SMC can easily be utilized as a simple, low cost Consolidation Point that is installed in surface mount, in-wall or in non-plenum ceiling applications.

The SMC can be used to place copper or fiber connectivity for systems such as the Leviton Opt-X PON, Category rated copper or fiber optic solutions. provides a full channel connectivity solution to distribute Passive Optical LAN topology.

This application note provides information that allows for simple installation of multiple system solutions in Structured Media Center enclosures.

All Leviton QuickPort connectors, Opt-X PON cassettes and Opt-X Adapter Plates are mountable in the Multimedia Adapter Bracket #47612-MMA. The below images show Opt-X PON 1x32 Splitter cassettes and the appropriate adapter plates installed in the adapter bracket.



Traditional Copper, Fiber and AV applications can also be deployed. All QuickPort inserts are compatible with the Multimedia Adapter bracket as shown below.



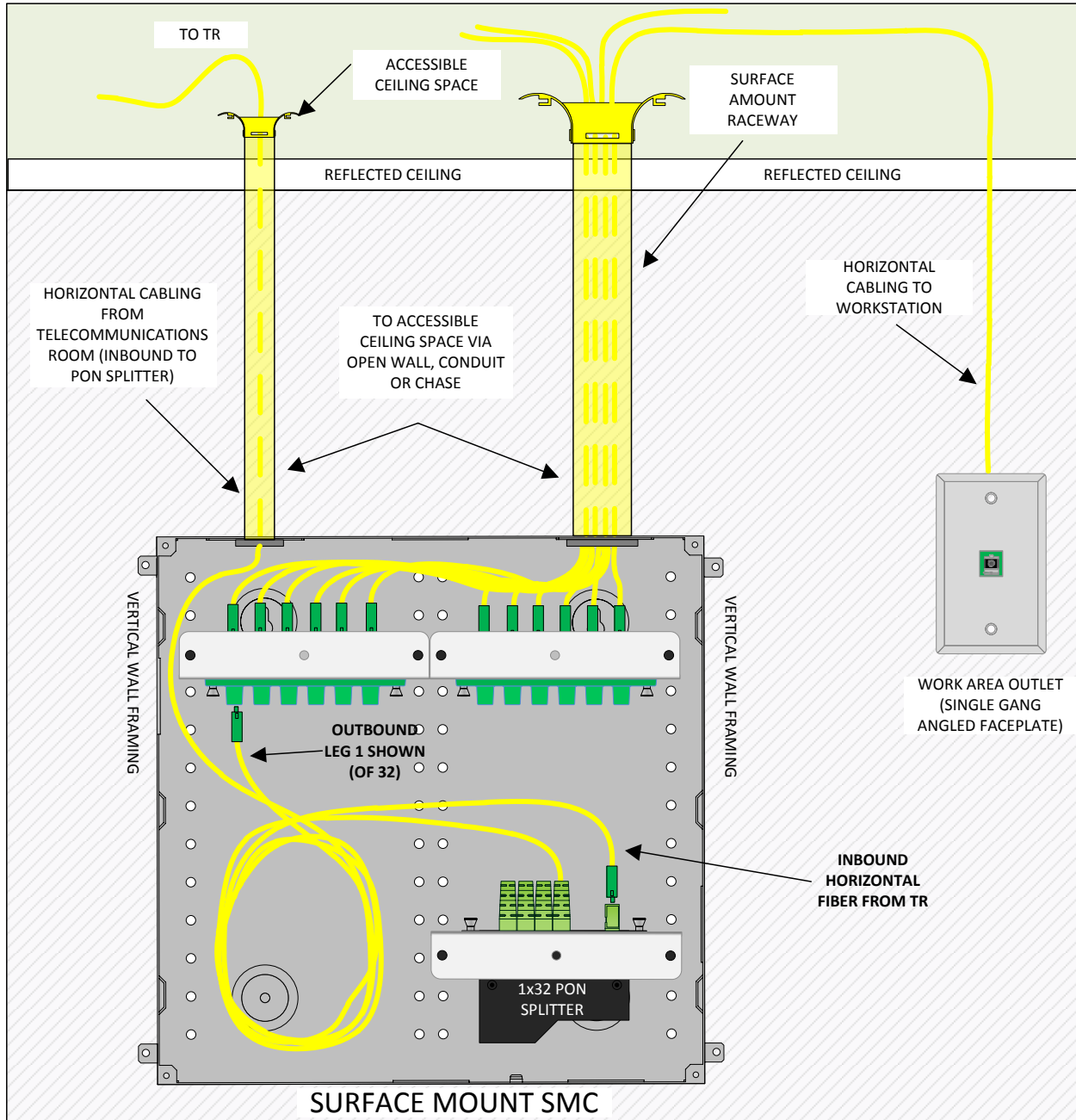
Application Note ID:
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Date:
08-08-2014

Product Line:
Opt-X PON
Copper Systems
Fiber Systems

Part Numbers Affected:
Quick Port Modules
Opt-X PON Cassettes
Z1000-PF2
Z1000-PC2
5R1UE-OPX
5R3UE-OPX
5F100-2VC

The following image provides an example of the Opt-X PON solution mounted in a surface mounted SMC enclosure. To allow for adequate slack cable management, it is recommended that only one PON splitter and associated adapter plates be installed in each 14" enclosure as shown below.

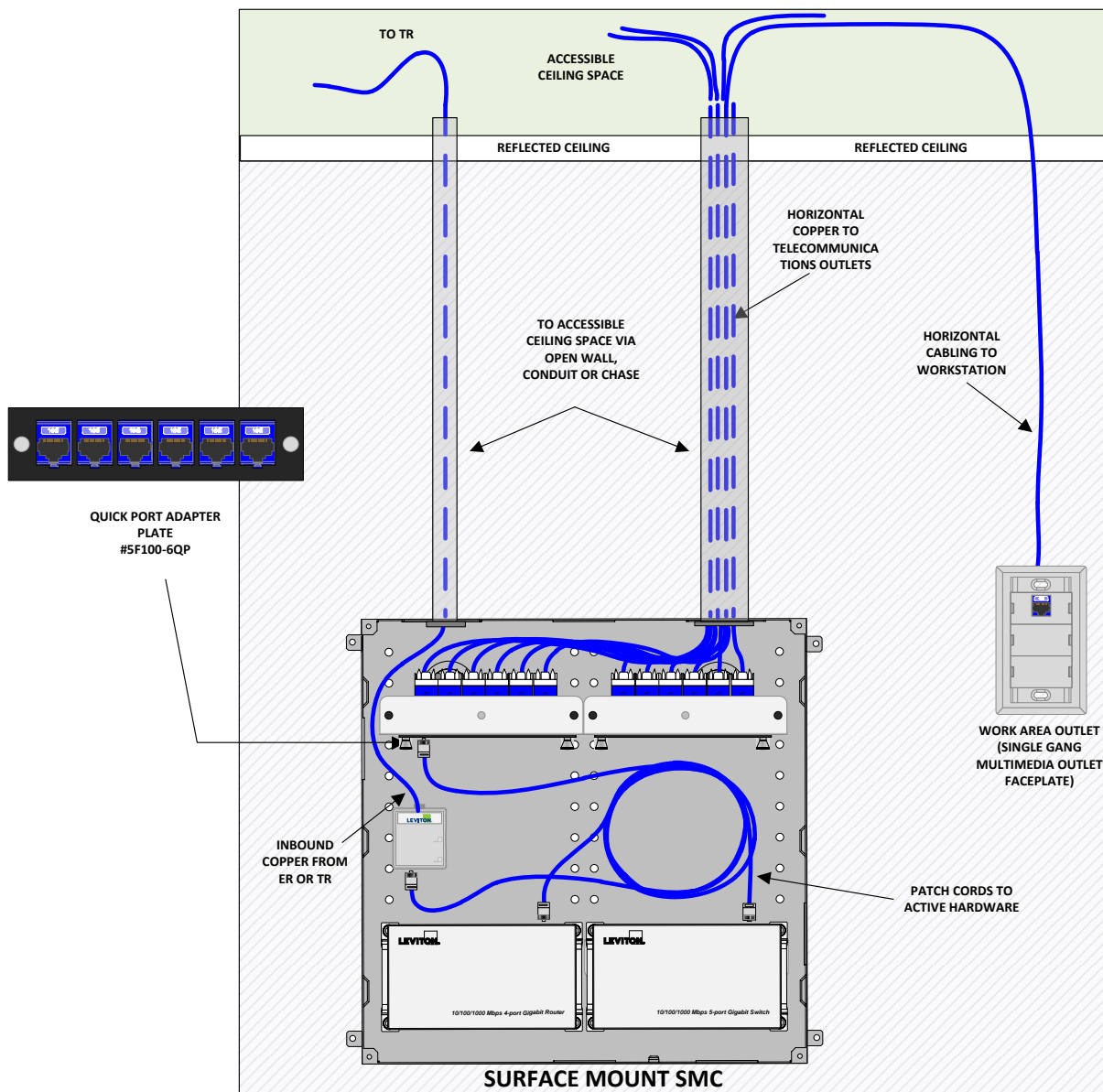


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The following image provides an example of a copper solution mounted in a surface mounted SMC enclosure.



Summary – SMC Enclosures are compatible with the Opt-X PON solution and Quick Port connectors, providing flexibility and ease of installation in both ceiling and wall mounted, non-plenum environments. For more information go to: www.leviton.com/OptXPON and www.leviton.com/SMC.