

# OptiTect® Local Convergence Cabinet, MC Series

CORNING

## Features and Benefits

**Design friendly and robustly engineered to support distributed split networks**

**Fully plug-and-play cabinet, with OptiTip® tails to complement the FlexNAP™ system**

**Strand or pole mount, eliminates the need for lifts and vaults**

**Easy to install and connect, eliminates field splicing, excess cable, and closure costs**

**New Mini Splitter Module design holds up to 12 splitters**

## Standards

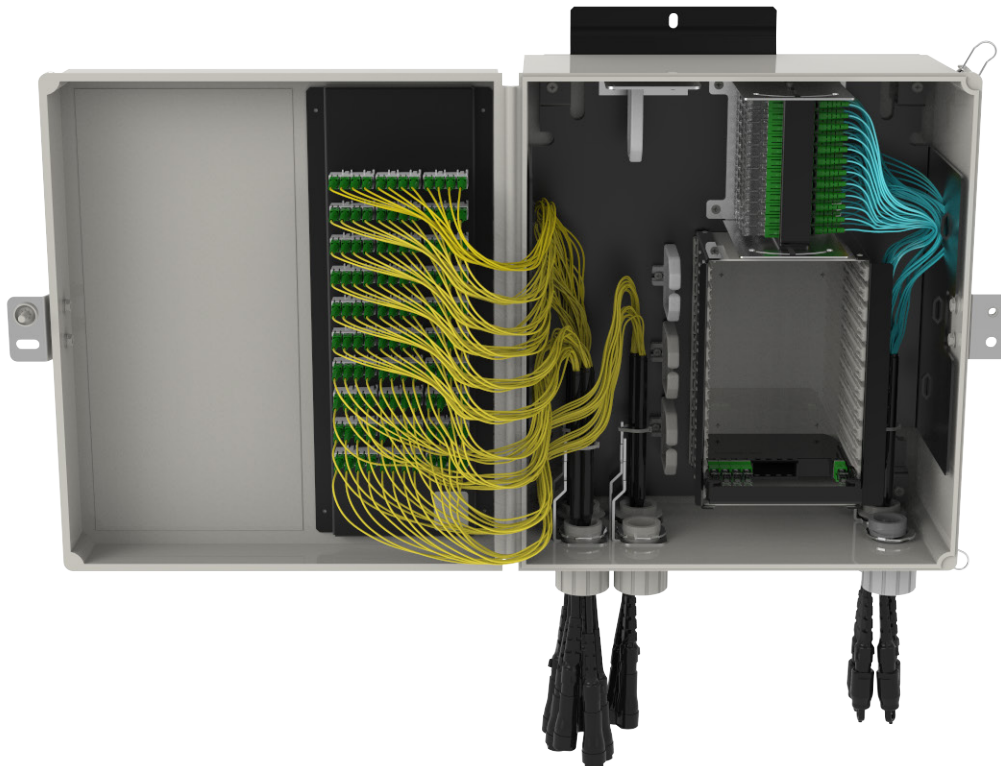
**Design and Test Criteria**

**Designed and tested to Telcordia standards**

The OptiTect® Local Convergence Cabinet, MC Series is a preterminated, lightweight, pole-mounted cabinet. This cabinet houses splitters for the first layer split of a distributed split PON architecture and has available ports for pass-through of fibers to support other business services or wireless backhaul needs.

The OptiTip connectorized stubs plug directly into the FlexNAP™ multiuse system and eliminate additional closure and installation costs.

The cabinet features four OptiTip input connectors totaling 48 feeder fibers. Ten OptiTip output stubs offer 120 distribution fibers feeding several FlexNAP cables, 48 of which can be pass-through. Depending on the type of distributed split ratios deployed, a single cabinet can support 384 subscribers with 1x32 effective ratio or 768 with 1:64 effective ratio.



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## Specifications

<b>Configuration</b>	Pole-mount; Indoor/Outdoor
<b>Splitter Ports</b>	12
<b>Express Ports</b>	48
<b>Splitter Type</b>	Splitter Cassettes; 1x4, 1x8
<b>Dimensions</b>	41.9 cm x 36.8 cm x 16.0 cm (16.5 in x 14.5 in x 6.3 in)
<b>Input/Output Adapters</b>	OptiTip® Connectors



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Spec Sheet

Page 2 | Revision date 2017-06-26

