



Standard MDF Termination

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Overview

The purpose of this document is to establish standard Customer Facility Assignment (CFA) designations for the CLECs Line Sharing splitter connections where the CLEC is Line Sharing on subscriber pairs that are also providing Frontier POTS service.

This document also defines and establishes standard Main Distribution Frame (MDF) terminations for CLEC xDSL splitters that are used for Line Sharing service.

CFA Designation

The standard CFA designation for the Line Sharing splitters will be by Port. Each Port will consist of two pair terminations, one for the LINE side of the splitter that is to be jumpered to the subscriber's serving pair, the other for the POTS RETURN side of the splitter that is to be jumpered to the Central Office switch line circuit.

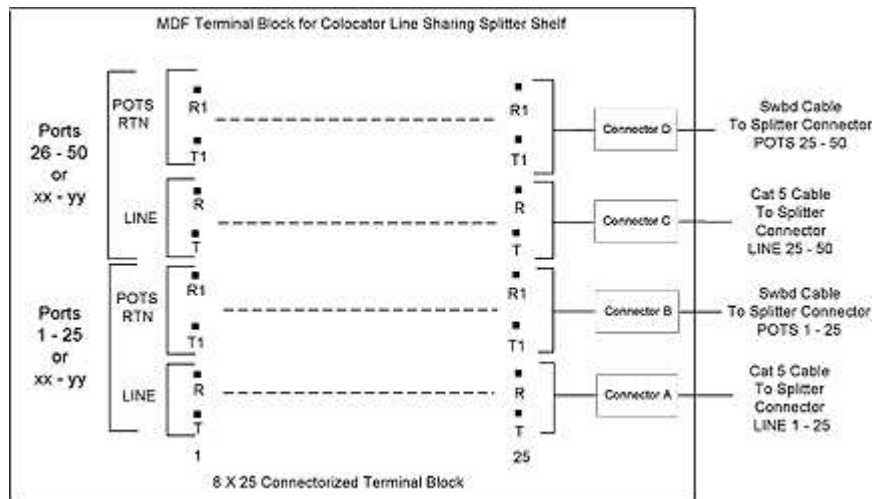
The CFAs are to be designated according to the port as terminated on the MDF block. Since the usable ports on this universal MDF termination will vary, depending on the splitter shelf used by the CLEC, management and administration of the CFA is a CLEC responsibility. The CLEC is responsible to only designate CFA terminations that are usable, based upon their splitter shelf wiring.

Terminal Block Labeling

Collocator's splitter ports are to sequentially numbered by individual collocator. The splitter port numbers on the first terminal block will begin at 1 and end at 50. The port numbers will continue with 51, on the second block, and end at 100. Each additional block will continue the sequential port numbering to the last port terminated on the last terminal block for any individual collocator's arrangement.

A different Collocator will again begin numbering at port #1 and continue to the last port terminated.

Block Layout



Block Wiring

Since 50-line sharing ports can be contained in a single block, MDF space will be required to mount the number of blocks required to meet the Collocator's requirements

Category 5 cables are required for the Line side of the splitter from the MDF block to the Collocator's splitter, since this cable carries high frequency signals. Normal switchboard (Category 3), or Category 5, cable may be used for the POTS RETURN circuits that only carry voice frequencies. For Virtually collocated splitters, Category 5 cable is also required for the xDSL cable from the splitters to the DSLAM equipment, because it also carries the high frequency signals.



Standard MDF Termination Change Log

Change Log

Date	Page Number	Change
05/27/2021	All	Review

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