

OMX™ patch cord routing guide

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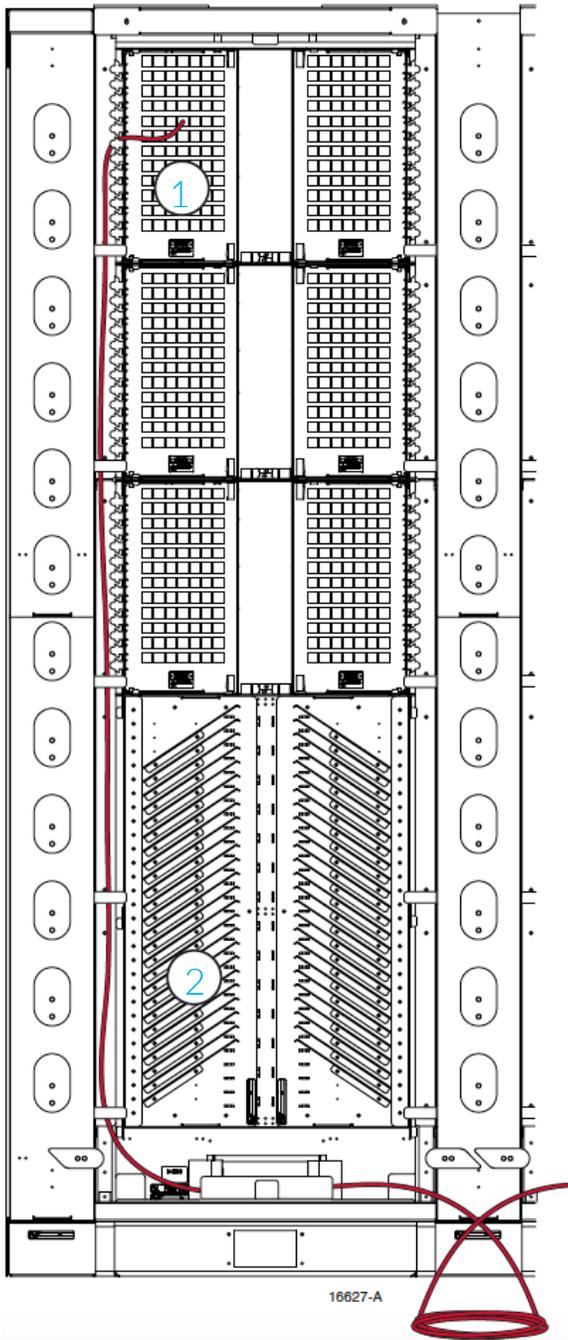
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Recommended jumper lengths

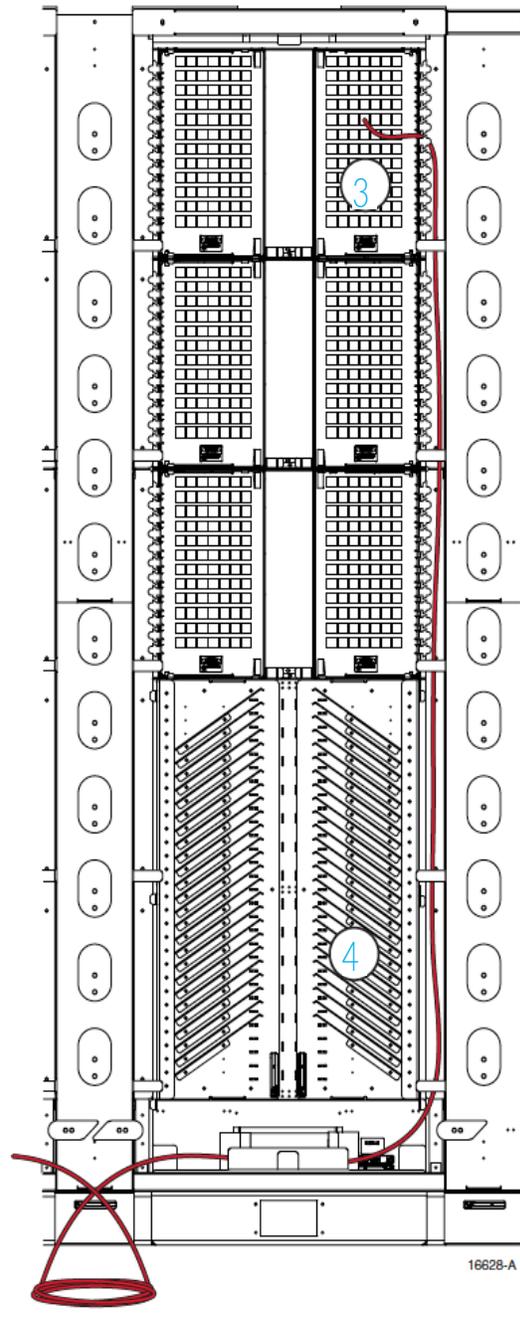
Number of OMX frames	1	2	3	4	5
Required patchcord length (M)	6	7	7	8	8

CommScope recommends use of 2mm patch cords.

General cross-connecting procedures

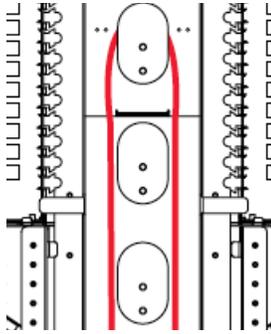


- 1- Terminate one end of the patchcord at the appropriate port.
- 2- Route the patchcord through the vertical cable guides to the lower trough and across the trough to the base of the IMP.

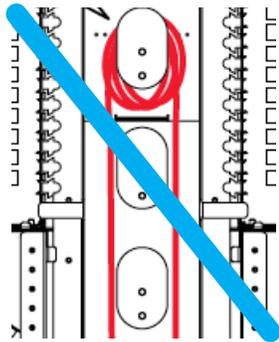


- 3- Terminate the second end of the patchcord to the appropriate port.
- 4- Route the second end of the patchcord through the vertical cable guides to the lower trough and across the trough to the base of the IMP.

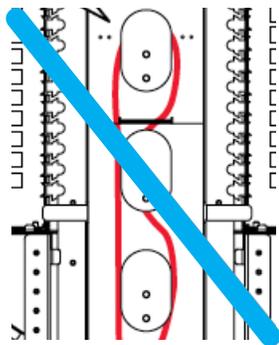
Correct routing



Incorrect routing

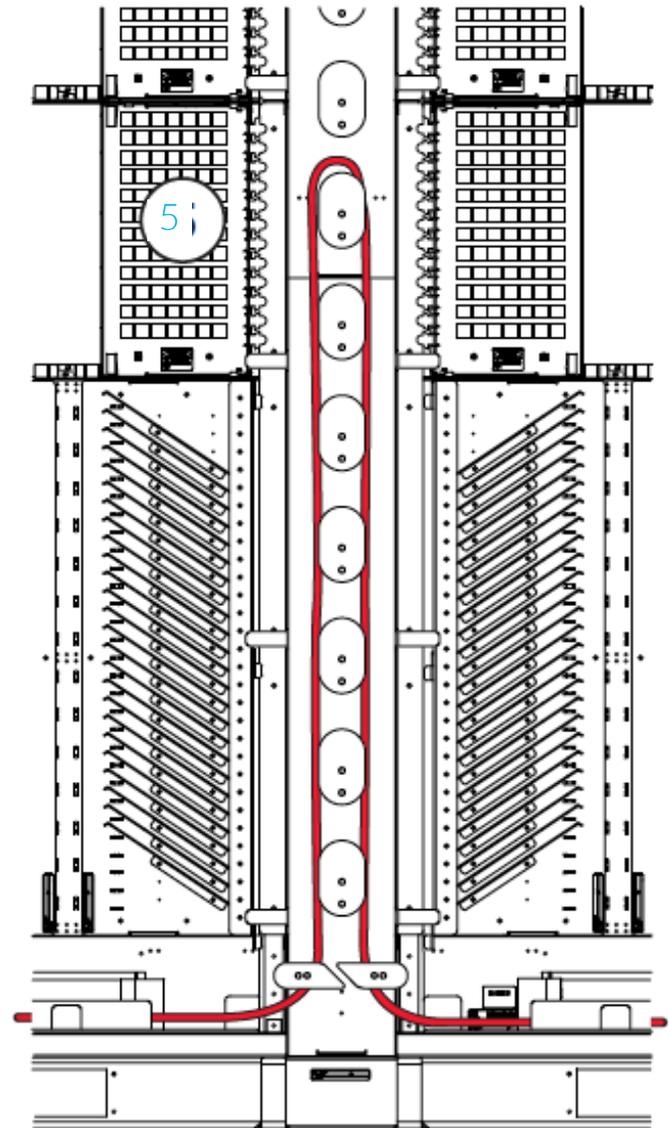


Do not wrap patchcord multiple times around the same spool



Do not weave patch cord around spools

General cross-connecting procedures (continued)

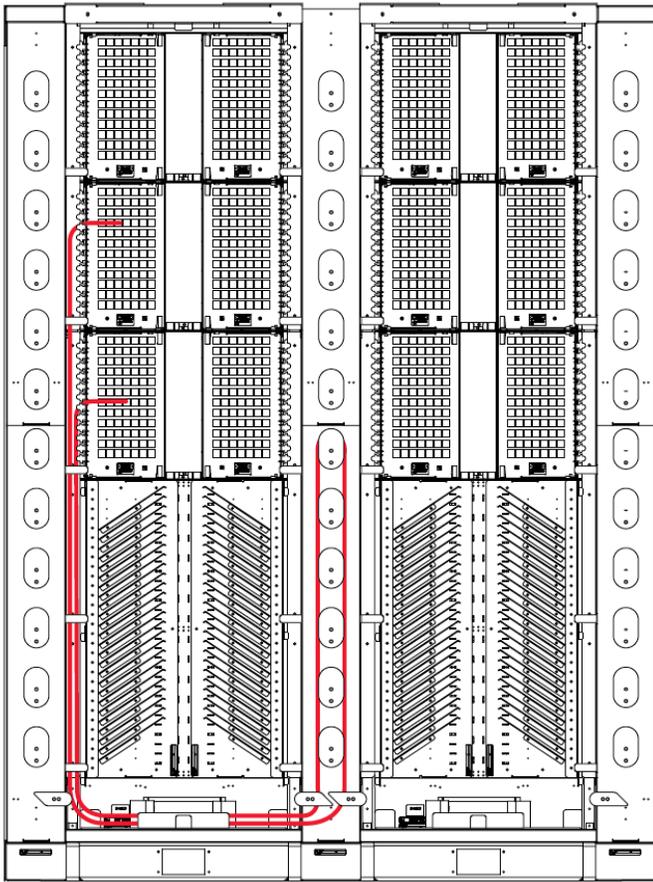


5- Loop the patchcord slack, located in the lower trough, over the appropriate interbay management spool.

Note: See appropriate application drawing located within this user manual for recommended specific cable routings.

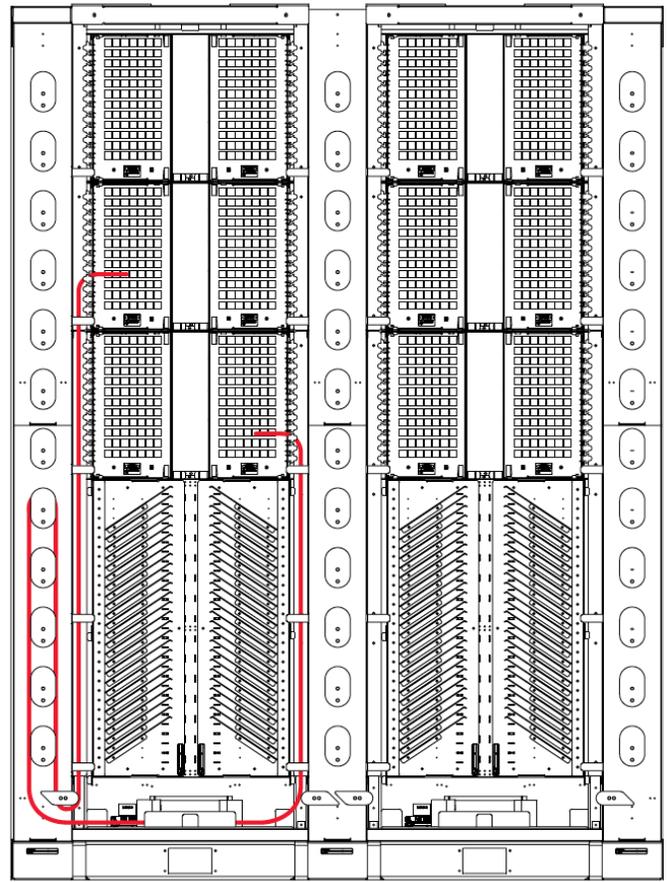
Multibay cross-connecting procedures

Same bay within a multibay lineup



Connecting ports on the same side of the same bay

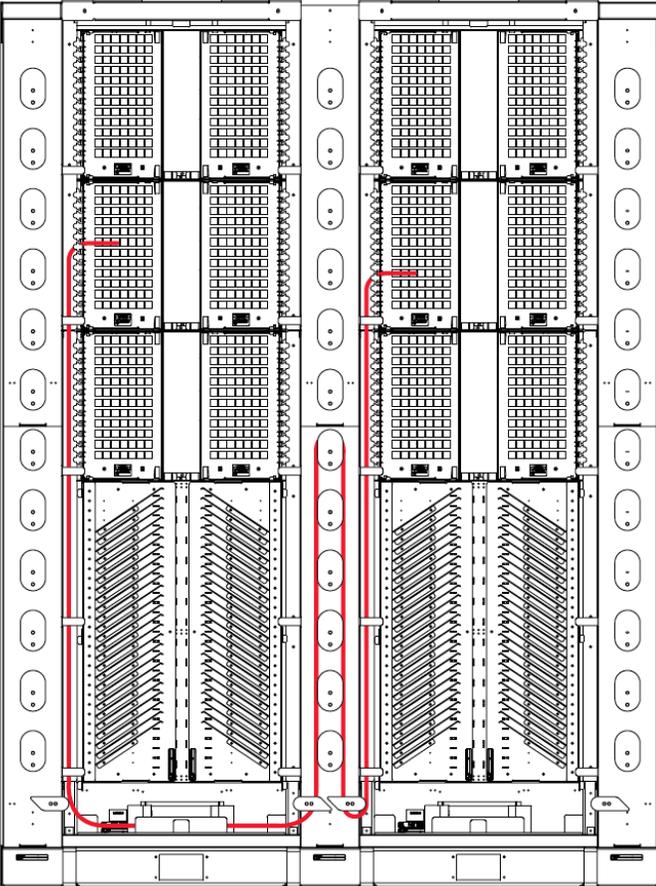
Same bay within a multibay lineup



Connecting ports on the opposite side of the same bay

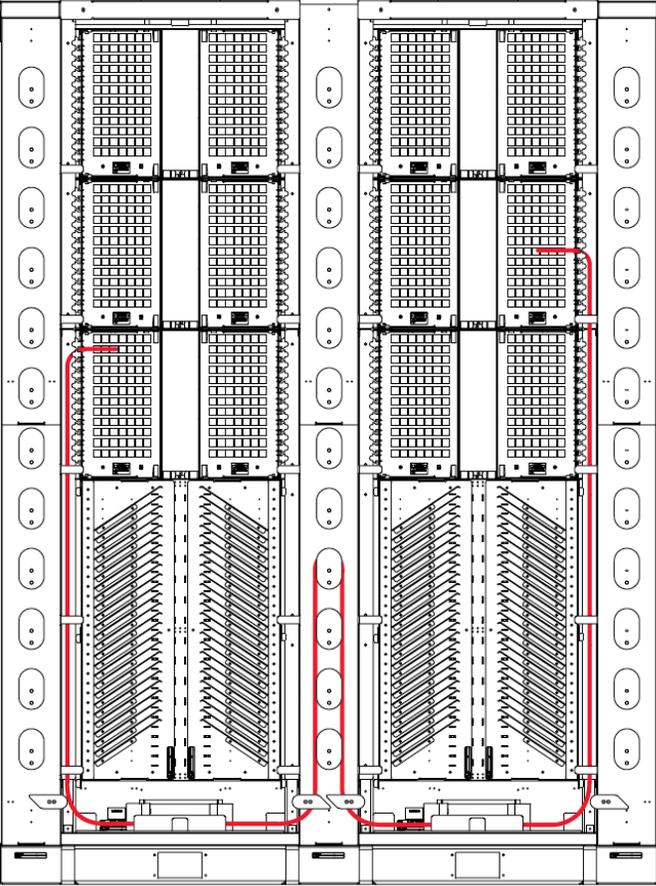
Multibay cross-connecting procedures (continued)

Between adjacent bays within a multibay lineup



Connecting ports on the same side of the adjacent bays

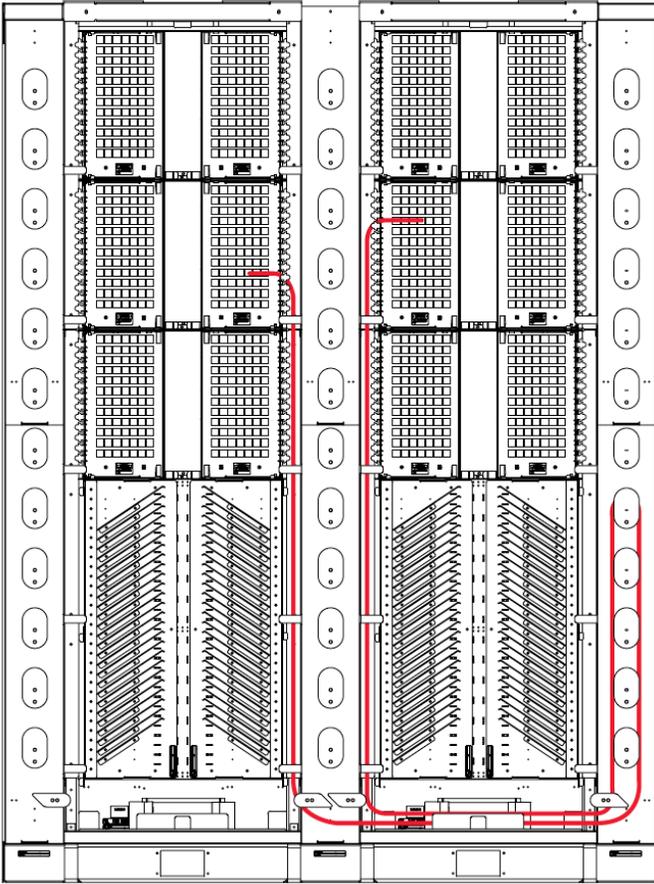
Between adjacent bays within a multibay lineup



Connecting ports on the outside of adjacent bays

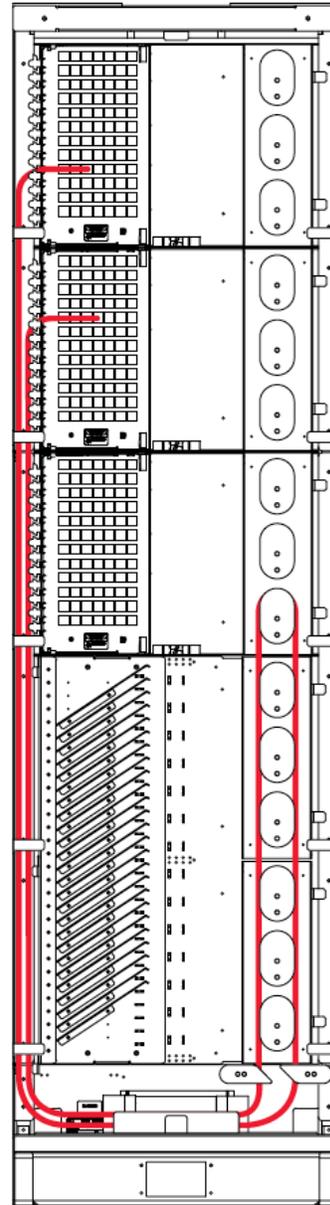
Multibay cross-connecting procedures (continued)

Between adjacent bays within a multibay lineup



Connecting ports on the inside edge of adjacent bays

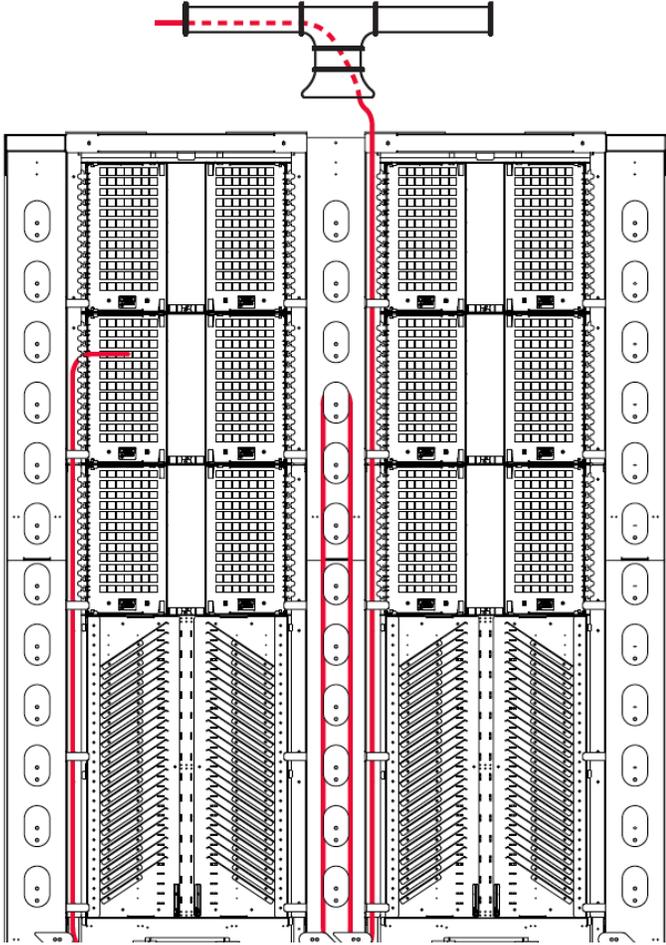
Single bay cross-connecting procedures



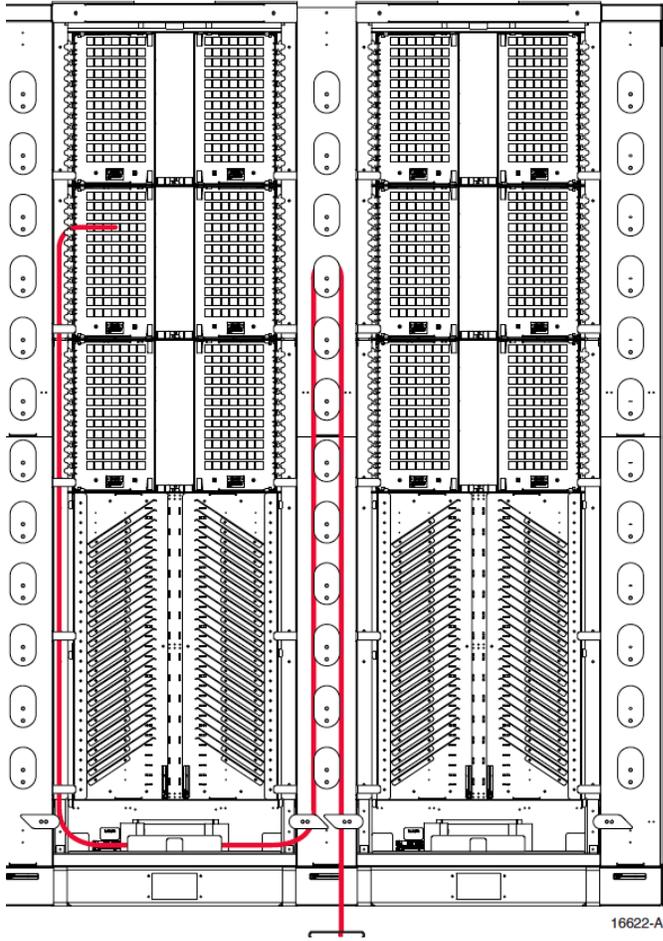
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Connecting ports on the same bay

Multibay interconnecting procedures

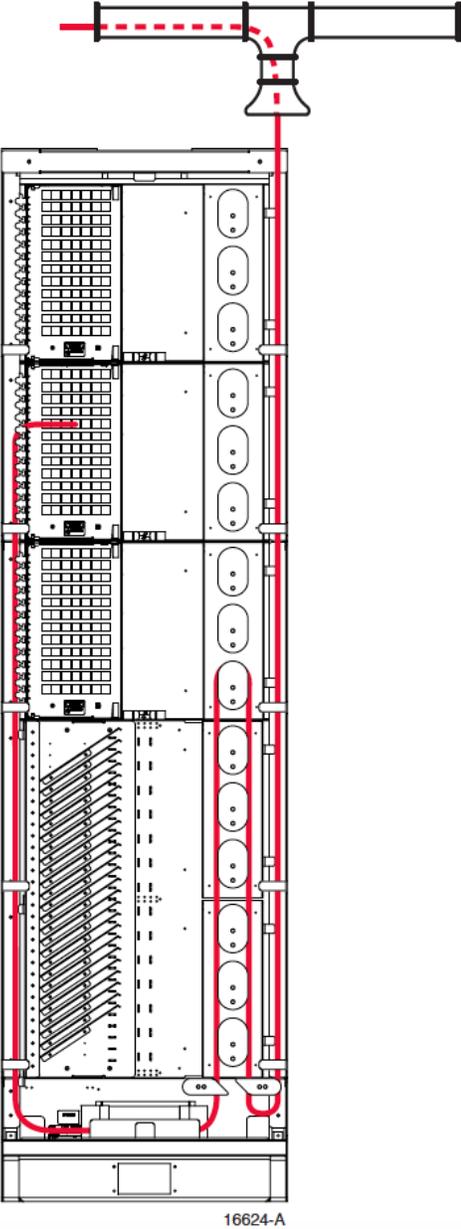


Overhead cabling

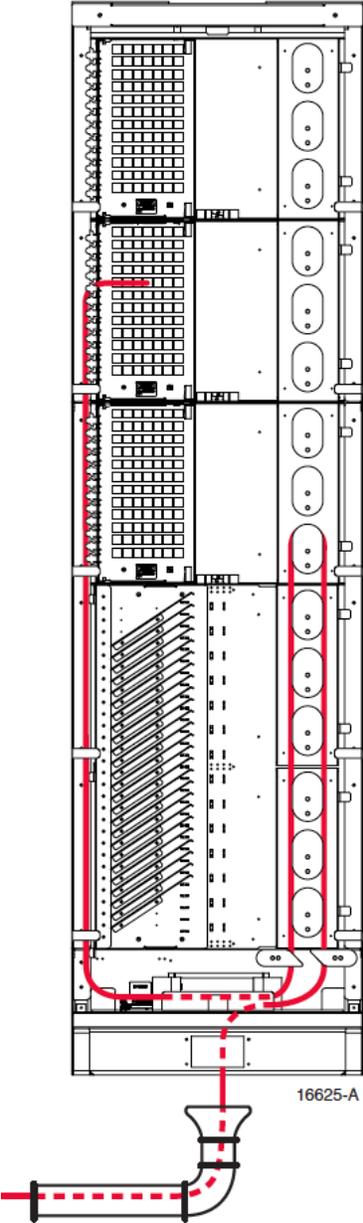


Raised floor cabling

Single bay interconnecting procedures



Overhead cabling



Raised floor cabling

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



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