



# CommScope Flex Frame

Pushing standard size to revolutionary possibilities

COMMSCOPE®

# Pushing standard size to revolutionary possibilities

In today's world, the instant exchange of data is crucial to keep the rhythm of everyday life consistent. The demand for speed and bandwidth is growing with the evolution of technology. It is imperative that the central office and data center have the agility to meet this demand to realize the full potential of an existing design.

Now, based on 40 years of proven experience, CommScope has developed a frame that pushes the possibilities of standard-size panels while simplifying installation, increasing your installation speed and reducing splicing time.



Flex Frame with cable managers

Flex Frame with cable managers and splice cabinet

CommScope's Flex Frame is Designed to easily integrate into any central office and data center.

### Its 19-inch panel mounting

- Provides flexibility to fit any standard-sized panel
- Can be configured as a lineup
- Can be installed as a standalone frame

The CommScope Flex Frame features on-frame splicing (to protect the panels' internal components) and significant slack storage (for optimal fiber cable management). On-frame splicing allows for more than one person to splice at once, saving time and costs associated with installing a cable management system.

- Key features and benefits:
- Accepts up to nine 4RU chassis
- Enables interconnect and/or cross-connect applications
- Integral slack storage reduces jumper congestion
- An integrated lower trough system with passthrough simplifies cable routing in a frame lineup
- On-frame splicing eliminates the need to access the rear of each panel to perform splicing, thereby reducing the risk of damage to the panel's internal components
- Integrated left-side cable entry ports on splice cabinet standardizes the length of split convoluted tubing needed to provide additional protection of the mesh sleeve-enclosed 24-fiber ribbon bundles
- Slack storage capacity of at least 10 feet of mesh-enclosed ribbon slack per 24-fiber ribbon bundle



# On Frame Splicing Configuration

- Support for up to 288 fibers per tray (24 x 12-fiber mass fusion splices) in six splice holders
- Room to easily work within the tray
- Capacity that provides ample fiber ribbon storage (two to three feet per ribbon) while still allowing a comfortable bend radius
- Intuitive fiber routing within the tray
- A single ribbon cut length can be used for all fibers entering the tray and, if rework is required, this cut length will support two or three re-splices before requiring any adjustment
- All splices are visible within the tray, and the tray has a clear cover—making VFL identification quick and easy



## On Frame Splice Ordering Information

MID	Part Number	Description
760242402	ODF-FF19CM-SPL	Rack with front cable managers and Splice Cabinet
760249435	ODF-FFACC-EG	Optional Endguard (covers one side of frame)
760243050	FOST-ACC-D-TRAY-RR-288-Kit	Splice trays (released with UL cover)
OSP-CLPFEC-XL	OSP-CLPFEC-XL	Cable clamp with a maximum diameter of 32mm (1.25") to 38mm (1.5") QTY 6
OSP-CLPFEC-LG	OSP-CLPFEC-LG	Cables with a maximum diameter of 10 mm (0.4") to 30 mm (1.2") QTY-3
OSP-CLPFEC	OSP-CLPFEC	Cables with a maximum diameter of 5 mm (0.2") to 18 mm (0.7") QTY-3
760244150	RIBCOUT-3/8-50-144/288/432/576	3/8" Mesh Tubing designed for 144, 288, 432, and 576 fiber cables 50'
760244144	RIBCOUT-3/8-50-864/1152	3/8" Mesh Tubing designed for 864 and 1152 fiber cables 50'
760244149	RIBCOUT-3/8-75-1728	3/8" Mesh Tubing designed for 1728 fiber cable 75'
760244147	RIBCOUT-3/8-125-3456	3/8" Mesh Tubing designed for 3456 fiber cable 125'

# Off Frame Splice Configuration

Off frame splice configuration offers the benefit of having the splice enclosure closer to where the OSP cables enter the facility and therefore minimizing the length of OSP cable entering the building and providing more flexibility for the ODF line up placement. It typically offers more space for cable preparation and service loop storage with an easier to access meet me point for centralized splicing so the splicer does not get in the middle of equipment area.

- The CommScope Flex Frame accepts up to 9 - 4ru or 18 - 2ru chassis (5184 connections).
- Enables interconnect and/or cross connect applications.
- Integral Slack storage features reduce jumper congestion.
- An integrated lower passthrough trough simplifies cable routing in a frame lineup.
- Rear cable management offers flexibility when mounting and routing cable tails
- Optional rear cable covers keep your fiber cables safe inside footprint
- Optional end guards also available.



## Off Frame Splice Ordering Information

MID	Part Number	Description
760242401	ODF-FF19CM-36RU	Rack with front and rear cable managers
760242661	ODF-FFACCBRK6	Cable Management Bracket 6" standoff (QTY 1 included with frame)
760242662	ODF-FFACCBRK	Cable Management Bracket Flat (QTY 1 included with frame)

760249434	ODF-FFACC-CBLCOV	Optional Cable cover (covers one frame rear cable management side)
760249435	ODF-FFACC-EG	Optional Endguard (covers one side of frame)

OSP-CLPFEC-XL	OSP-CLPFEC-XL	Cable clamp with a maximum diameter of 32mm (1.25") to 38mm (1.5") QTY 6
OSP-CLPFEC-LG	OSP-CLPFEC-LG	Cables with a maximum diameter of 10 mm (0.4") to 30 mm (1.2") QTY-3
OSP-CLPFEC	OSP-CLPFEC	Cables with a maximum diameter of 5 mm (0.2") to 18 mm (0.7") QTY-3



# Splice Cabinet Configuration

- Support for up to 288 fibers per tray (24 x 12-fiber mass fusion splices) in six splice holders
- Room to easily work within the tray
- Capacity that provides ample fiber ribbon storage (two to three feet per ribbon) while still allowing a comfortable bend radius
- Intuitive fiber routing within the tray
- A single ribbon cut length can be used for all fibers entering the tray and, if rework is required, this cut length will support two or three re-splices before requiring any adjustment
- All splices are visible within the tray, and the tray has a clear cover—making VFL identification quick and easy



## Splice Cabinet Ordering Information

MID	Part Number	Description
760245548	ODF-SPLCAB-24	Universal Mount Splice Cabinet (UMSC), 24 splice tray locations
760248104	ODF-SPLCAB-12	Universal Mount Splice Cabinet (UMSC), 12 splice tray locations
760243050	FOST-ACC-D-TRAY-RR-288-Kit	Splice trays (ordered in sets of 2)

760245549	ODF-ACC-BRK-19	Optional 19" rack mount brackets (1 set per cabinet)
760245550	ODF-ACC-BRK-23	Optional 23" rack mount brackets (1 set per cabinet)
760245551	ODF-ACC-BRK-WM	Optional wall mount brackets (1 set per cabinet)

760249074	ODF-ACCCBLCLMP-19	Cable bracket (Mounts above cabinet in 19" rack application)
OSP-CLPFEC-XL	OSP-CLPFEC-XL	Cable clamp with a maximum diameter of 32mm (1.25") to 38mm (1.5") QTY 6
OSP-CLPFEC-LG	OSP-CLPFEC-LG	Cables with a maximum diameter of 10 mm (0.4") to 30 mm (1.2") QTY-3
OSP-CLPFEC	OSP-CLPFEC	Cables with a maximum diameter of 5 mm (0.2") to 18 mm (0.7") QTY-3

760244150	RIBCBOU-3/8-50-144/288/432/576	3/8" Mesh Tubing designed for 144, 288, 432, and 576 fiber cables 50'
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760244149	RIBCBOU-3/8-75-1728	3/8" Mesh Tubing designed for 1728 fiber cable 75'
760244147	RIBCBOU-3/8-125-3456	3/8" Mesh Tubing designed for 3456 fiber cable 125'

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CommScope helps companies around the world design, build, and manage their wired and wireless networks. As demand for connectivity grows, our vast portfolio of network infrastructure helps our partners meet their customers' demands.

With solutions like our optical distribution frames, we're ready to power your present and empower your future. Visit our website to learn more about our fiber splice closures. Then let us show you how we can help you unlock the potential of each new day. CommScope—helping you create a network that's forward thinking, dependable, and cost efficient.

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CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at [commscope.com](https://commscope.com)

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