



X PND

ADAPT

GROW

Spikes in fiber demand,
tight deployment timelines,
fluctuating budgets.

Growth brings uncertainty.

How will you adapt?

Where do you see your network years from now? Bigger and more agile—able to scale easily and turn up new services seamlessly? More efficient—getting more from your people, central office and fiber platform to boost your bottom line? Under control—in terms of budget, change management and pace of growth?

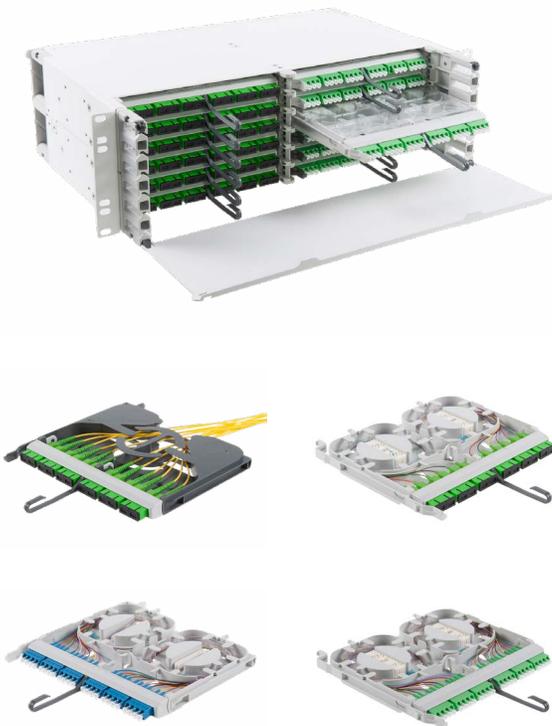
Envisioning where you want your network to be is one thing; getting there is something else entirely. Start with a fiber platform that's designed like nothing else. CommScope XPND: the exceptionally modular fiber platform for growing networks.



Think small, agile and built for growth

Inside the central office, active equipment like optical line terminals (OLTs), switches and servers are growing in power and shrinking in size. Bulky equipment chassis are being reduced to solutions whose compact shelf footprints occupy just a few RUs of space. In smaller facilities, where active electronics and passive fiber infrastructure can fit in a 19-inch rack or cabinet, it can be hard to justify the cost of a dedicated optical distribution frame. Yet, fiber connectivity and cable management are required to ensure clear demarcation, as well as a flexibility point between active gear and the passive outside fiber plant.

Enter the CommScope XPND™ portfolio. With a completely modular design, high-density footprint and interchangeable components, the CommScope XPND fiber platform gives you the agility to scale, reconfigure and respond to market changes as they happen. Get the flexible fiber management, connectivity and cable handling you need to support next-generation fiber active technology while protecting your investment in passive infrastructure.



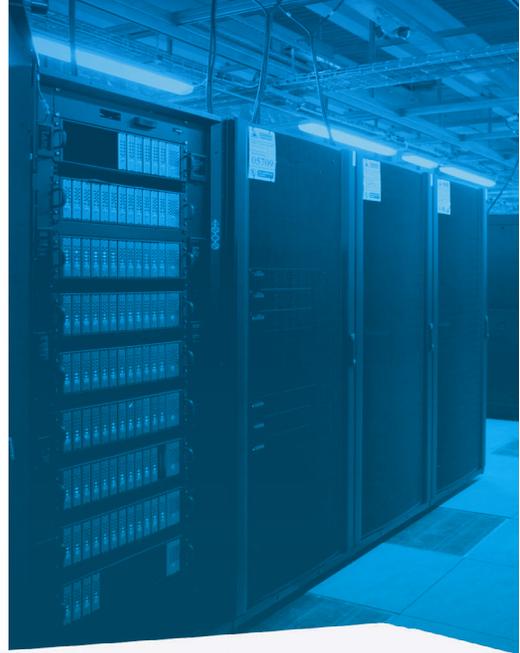
XPND your fiber potential

The CommScope XPND fiber platform enables you to work faster, scale effortlessly, spend smarter and grow with confidence.

The CommScope XPND platform consists of panels, cassettes, modules and cables that work together to support virtually any configuration and application. The panels, cassettes and modules are shipped separately, giving you the freedom to customize and grow quickly and easily. Mix and match cassettes and modules as needed or preserve room for future growth. Minimize SKUs and inventory costs and maximize your network's potential. The CommScope XPND platform continues to evolve, delivering more value year after year.

With a depth of just 12 inches, CommScope XPND panels are at home in a wide range of interconnect and cross-connect applications: central offices, indoor cabinets, outdoor cabinets, huts, controlled environmental vaults (CEVs), and customer premises applications. A streamlined architecture and intuitive operation make it easy for any personnel to deploy and manage without requiring extensive product training.

With a pay-as-you-grow approach, the CommScope XPND fiber platform allows you to grow at your own pace and on your own terms. Add CommScope's industry-leading portfolio of fiber cabling, patch cords, splitters and assemblies, and you've a single solution that flexes and scales quickly and easily, helping you make the most of every opportunity.



Panels



CommScope XPND platform panels are compact and versatile, giving you more options for deployment and expansion. Panels are available in 1RU, 1.5RU and 3RU sizes with corresponding maximum fiber densities of 48/72/144 (SC) and 96/144/288 (LC).

Panels are shipped empty, providing a blank canvas that you can customize and fill over time as your network grows and your fiber needs change. Each CommScope XPND panel can accommodate four cassettes per 1RU. Cassettes are sold separately for a sensible pay-as-you-grow approach.

Adjustable mounting brackets support 19- or 23-inch rack mounting with two-inch and five-inch recess mounting. Panels and cassettes are sold separately, enabling you to mix and match any cassettes in any size panel in any position. Vertical cable guides on the left and right side of each panel improve cable management.

The CommScope XPND fiber platform supports both on-frame and off-frame splicing applications. The patch/splice cassette enables on-frame splicing within the panel, while the cabled module (CMOD) cable assembly provides off-frame splicing capabilities, offering greater flexibility and functionality.

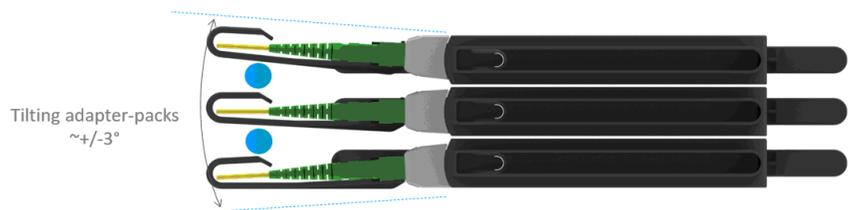
XPND Platform fiber panels ordering information

Description	Panel height	Panel capacity		CommScope part number	Cassette/module capacity	Empty panel weight (lbs)
		SC	LC			
XPND Fiber Panels, Empty Rack or cabinet mount, putty white, 19/23"W x 12"D Includes cable tie-off bracket	1RU (1.75")	48	96	XP-RM1U-4C	4	5.7
	1.5RU (2.62")	72	144	XP-RM1.5U-6C	6	6.7
	3RU (5.25")	144	288	XP-RM3U-12C	12	9.3

Cassettes and modules

CommScope XPND panel cassettes and modules are designed for maximum flexibility, fiber density and manageability. Available in a variety of configurations, each cassette accommodates 12 SC (24 LC) fiber terminations. They can be installed on the left or right side of the panel and can be accessed from the front or back of the panel, making fiber termination and splicing fast and efficient.

CommScope XPND cassettes offer a patented adapter tilting feature. This unique design enables the installer to separate adapter rows, pivoting them up and down to allow more room for finger access to individual connectors while protecting fiber bend radius.



Patch/Splice cassettes

Patch/Splice cassettes are available for use with SC and LC connectors in singlemode with APC and UPC options. Cassette designs for SC connectors feature 12 adapters (12 fiber ports) while those for LC applications offer 12 duplex adapters (24 fiber ports). Patch/Splice cassettes support both stranded and ribbon pigtails.



XPND Patch/Splice Cassettes Ordering Information

Description	Pigtail type	Connector type	Adapter color	No. of fiber ports	CommScope part number
XPND Patch/Splice Cassettes Includes singlemode adapters, A1 pigtails and splice holder	Stranded	SC/UPC	Blue	12	XP-PS7-S
		SC/APC	Green		XP-PSL-S
		LC/UPC	Blue	24	XP-PS8-S
		LC/APC	Green		XP-PSM-S
	Ribbon	SC/UPC	Blue	12	XP-PS7-R
		SC/APC	Green		XP-PSL-R
		LC/UPC	Blue	24	XP-PS8-R
		LC/APC	Green		XP-PSM-R

Fiber pass-through adapter packs

CommScope XPND fiber pass-through adapter packs are available for use with SC and LC connectors in singlemode with APC and UPC finishes. Designs for SC connectors feature 12 adapters (12 fiber ports) while those for LC applications offer 12 duplex adapters (24 fiber ports).

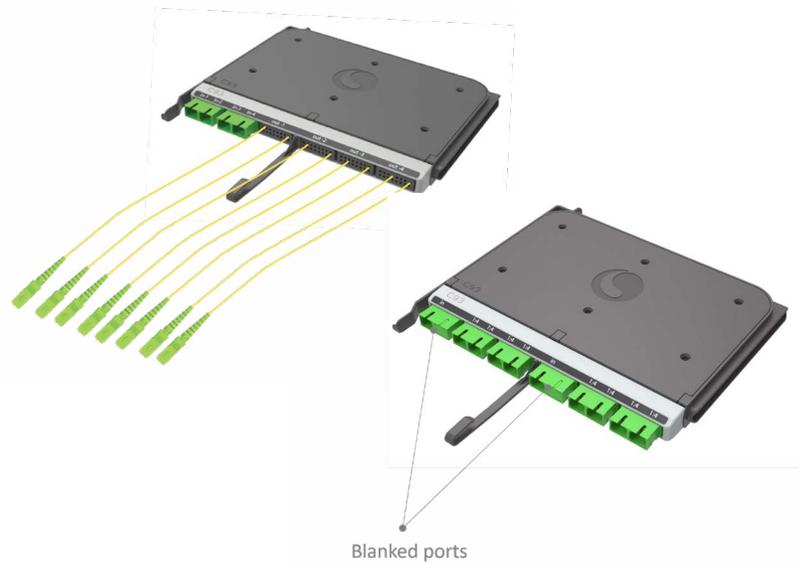


XPND Fiber pass-through adapter packs ordering information

Description	Connector type	Adapter color	No. of fiber ports	CommScope part number
XPND Fiber Pass-through Adapter Packs Includes singlemode adapters	SC/UPC	Blue	12	XP-PP7
	SC/APC	Green		XP-PPL
	LC/UPC	Blue	24	XP-PP8
	LC/APC	Green		XP-PPM

Splitter modules

With high and low count splitter modules, the CommScope XPND portfolio enables a variety of FTTH designs. Low count splitters (1x2, 1x4 and 1x8) can be used in a distributed split architecture, where the next stage splitter is implemented in an outside plant cabinet or remote terminal. Higher-count splitters (1x16, 1x32 and 1x64) use pigtailed, and can be used in a centralized split (“home run”) architecture, where point-to-point fiber connections connect each home passed to a port on the splitter. CommScope XPND panels easily install next to an OLT, enabling more flexible and efficient FTTH deployment options.



XPND 1xN Splitter modules ordering information

Description	Connector style	Module type	Splitter type	Splitter quantity	CommScope part number
XPND 1xN Splitter Modules	SC/APC	Adapter Inputs and Outputs	1x2	4	XP-SPTJJ410200
			1x4	2	XP-SPTJJ210400
			1x8	1	XP-SPTJJ110800
		Adapter Inputs and Pigtailed Outputs, 65-Inches	1x16	4	XP-SPTJJ411665
			1x32	2	XP-SPTJJ213265
			1x64	1	XP-SPTJJ116465
	LC/APC	Adapter Inputs and Outputs	1x2	8	XP-SPTMM810200
			1x4	4	XP-SPTMM410400
			1x8	2	XP-SPTMM210800
		Adapter Inputs and Pigtailed Outputs, 65-Inches	1x16	4	XP-SPTMM411665
			1x32	2	XP-SPTMM213265
			1x64	1	XP-SPTMM116465

Patch cords

As a global leader in fiber cabling, CommScope ensures you have the right fiber cable patch cords to match your CommScope XPND platform. Our singlemode simplex patch cords are factory-connectorized and machine-polished, ensuring the best combination of speed, performance, seamless connectivity, reliability and easy handling.

XPND Fiber patch cords ordering information

Description	Connector type	Connector color	CommScope part number
1.6mm Duplex Fiber Patch Cords Dual rated OFNR/LSZH, Yellow Jacketing	SC/UPC	Blue	XPPCSR7/7-xxxM
	SC/APC	Green	XPPCSRJ/J-xxxM
	LC/UPC	Blue	XPPCSR8/8-xxxM
	LC/APC	Green	XPPCSR/M-xxxM

Note: Replace xxx with length in meters. For example, a 10 meter patch cord with SC/APC connectors on both ends would be XPPCSRJ/J-010M.

Panel accessories

The CommScope XPND modular fiber platform offers a variety of optional and replacement accessories, enabling you to continue adapting and customizing the solution to meet your evolving needs.

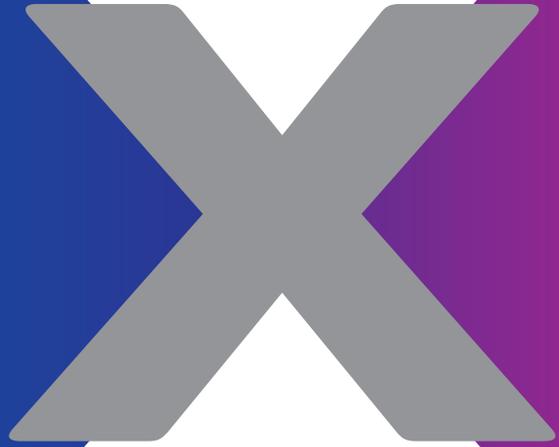
Category	Panel Size	MID	Description	Included parts (QTY)
Optional accessories	All sizes	XP-ACCGNDLUGKIT	Ground lug kit	#10 ground lug and screws
		XP-ACCPNLTIEBRK	Panel cable tie-off Bracket	Panel Bracket, screws, zip tie, Velcro
Replacement parts	All sizes	XP-ACCDRINST-QTY8	Door hinge and latch inserts	(4) Hinge inserts, (4) latch inserts
		XP-ACCMGRCBL-QTY5	Cassette cable managers	(5) cable managers
		XP-ACCRACTIEBRK	Rack Rail cable tie-off bracket	Replacement Rack Rail tie-off bracket with screws, zip tie, Velcro
	1RU panel	XP-ACCDOORKIT1U	1RU door kit w/inserts	1RU Door, 2 top inserts, 2 bottom inserts, label
		XP-ACCDRLBL1U-10	Front and rear door labels 1RU	Pack of 10 labels
		XP-ACCHDWKIT1U	1RU ship along hardware kit	(4) 12-24 rack mtg screws, 23" mtg ears, cable mtg bracket, zip tie, Velcro
		XP-ACCMTBRK19-1U	1RU 19" mounting brackets	Set of 2 brackets
		XP-ACCMTBRK23-1U	1RU 23" mounting brackets	Set of 2 brackets
		XP-ACCMTBRKETS1-1U	1RU ETSI mounting brackets	Set of 2 brackets
	1.5RU panel	XP-ACCDRLBL1.5U-10	Front and rear door labels 1.5RU	Pack of 10 labels
		XP-ACCHDWKIT1.5U	1.5RU ship along hardware kit	(4) 12-24 rack mtg screws, 23" mtg ears, cable mtg bracket, zip tie, Velcro
		XP-ACCMTBRK19-1.5U	1.5RU 19" mounting brackets	Set of 2 brackets
		XP-ACCMTBRK23-1.5U	1.5RU 23" mounting brackets	Set of 2 brackets
		XP-ACCMTBRKETS115U	1.5RU ETSI mounting brackets	Set of 2 brackets
		XP-ACCDOORKIT1.5U	1.5RU door kit w/inserts	1.5RU Door, 2 top inserts, 2 bottom inserts, label
	3RU panel	XP-ACCDRLBL3U-10	Front and rear door labels 3RU	Pack of 10 labels
		XP-ACCHDWKIT3U	3RU ship along hardware kit	(4) 12-24 rack mtg screws, 23" mtg ears, cable mtg bracket, zip tie, Velcro
		XP-ACCMTBRK19-3U	3RU 19" mounting brackets	Set of 2 brackets
		XP-ACCMTBRK23-3U	3RU 23" mounting brackets	Set of 2 brackets
		XP-ACCMTBRKETS1-3U	3RU ETSI mounting brackets	Set of 2 brackets
		XP-ACCDOORKIT3U	3RU door kit w/inserts	3RU Door, 2 top inserts, 2 bottom inserts, label

How will you XPND?

Your outside fiber plant is a generational investment. To ensure you have the flexibility to grow, reconfigure and manage your fiber, you need a connectivity interface that adapts as your active equipment evolves. That's the power of the CommScope XPND fiber platform. One innovative solution with all the agility and ease of use you need to adapt and evolve easily and efficiently. And as your needs evolve, the CommScope XPND platform evolves with you, adding more components and capabilities over time.

Now it's your move.

With one innovative fiber solution and so many options, how will you XPND?



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