NOVUX® Compact Closures

Agility for today's FTTX deployments with the flexibility for tomorrow's

NOVUX Compact Closures are optimized for new builds, expansions and upgrades in FTTX last-mile drop applications.

Designed to help providers maximize today's fiber-to-the-X (FTTX) infrastructure while moving toward the future, NOVUX Compact Closures are connectivity independent to support more field conditions and locations. They offer superior reliability, easy access and re-entry to quickly adapt to changes and faster, uniform installation to meet bandwidth and rollout speed demands.
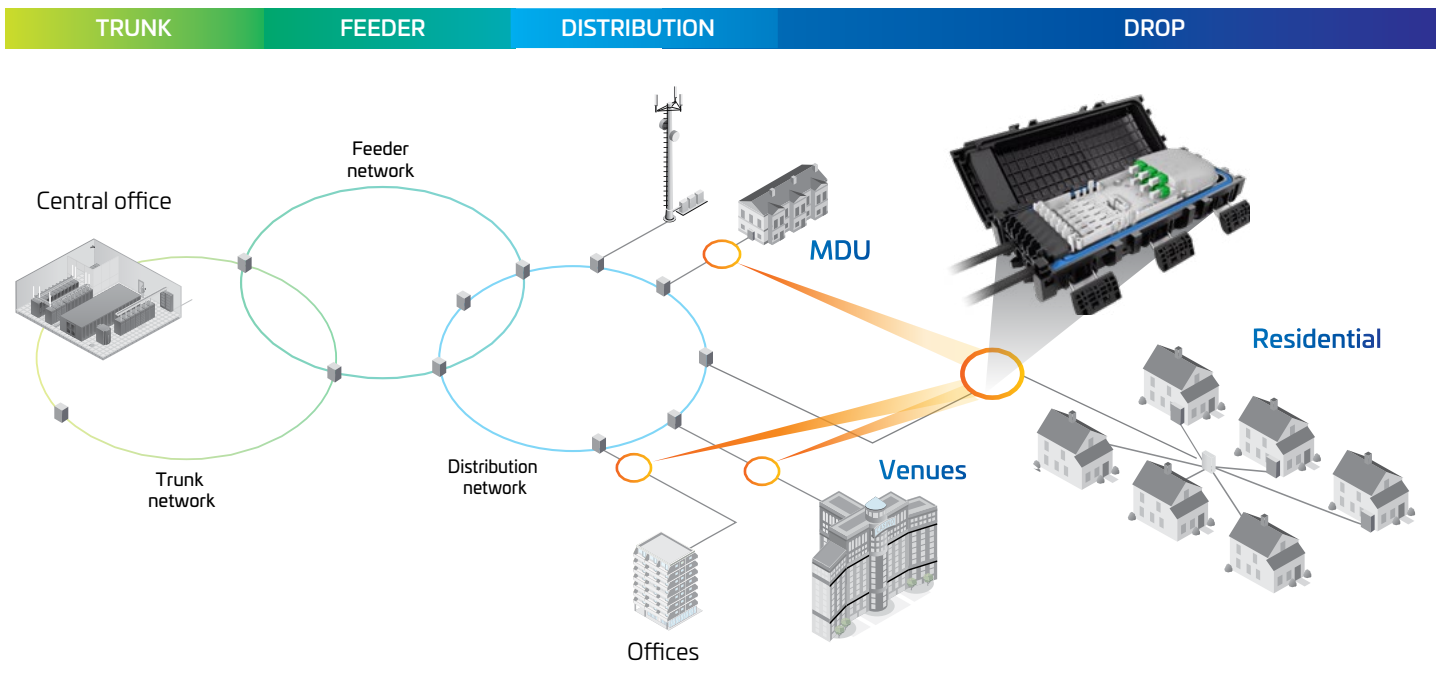
NOVUX is the industry's first modular FTTX ecosystem designed to win the fiber race today and win it tomorrow.

NOVUX Compact Closures are part of CommScope's new NOVUX® ecosystem—the next step in the evolution of connectivity and FTTX networks that overcomes the challenges of increased competition, cost pressures, supply chain constraints and labor challenges. Configurable, scalable and simple, NOVUX transforms networks with a modular, end-to-end architecture that is faster to install, faster to market and future ready.

Configurable. Scalable. Simple.

CommScope is raising the bar on compact closures

Application flexibility at its best. Because not all networks are the same.

Connectivity independence

NOVUX Compact Closures come in a range of sizes and are connectivity independent with integrated in-tray optical technology. Splice-only, pre-connectorized drop, or field-installable connector choices let network planners deploy closures more easily in more locations.

Standard connections

Available in 2 different sizes

- 24/8 or 12 (splice/patch)
- 24, 48, or 72 (SC) (splice/splice)
- 2 or 3 feeder ports
- 8 or 12 drops
- SC or LC, pre-connectorized or field-installed
- Up to 2 splitters with in-tray integration
- Black or gray colors

Reliable, reusable and re-enterable. Because you need to quickly adapt.

Optimized for today and tomorrow

NOVUX Compact Closures allow providers to respond quickly to new field requirements, while maintaining maximum reliability and performance.

- Flexibility to add drop cables
- Optimized fiber management, storage and cable retention
- Feeder and dual/single branch cable attachment
- IP68 2-meter water head
- Hinge lock system for security

Advanced Octopus™ gel seal

NOVUX Compact Closures feature advanced Octopus gel seal technology that is more resilient and more conformable for better protection from harsh environmental conditions and easier upgrades and maintenance.

- Easy access for ongoing re-entry
- Highly resilient with good compression control
- Supports a wider range of cable diameters
- Eliminates unwanted gaps and blank plugs

Octopus gel seal
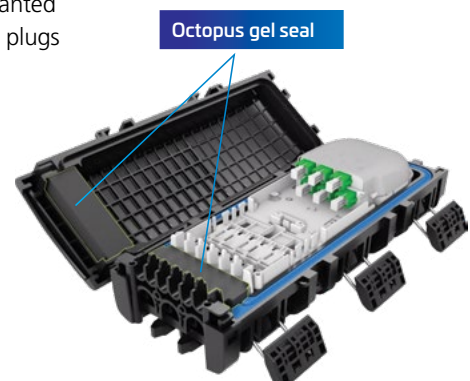
Faster, uniform installation accelerates FTTX rollouts

Whatever your application and wherever you need to mount them, NOVUX Compact Closures ensure fast, easy and efficient installation with uniform processes and techniques across the entire portfolio. Innovative termination, functionality and mounting means providers can step up their deployments while reducing cost and overcoming the challenges of skilled labor shortages.

Easy out-of-closure cable prep and termination

Universal cable termination units (CTUs) let installers prep and terminate cables outside of the NOVUX Compact Closure for less time in the closure and less time in the field. Once termination is complete, the CTUs simply click into the closure.

- Empowered by Octopus gel technology
- Accommodates multiple cable types and sizes
- Single and dual-layer options available
- Universal support across multiple closures
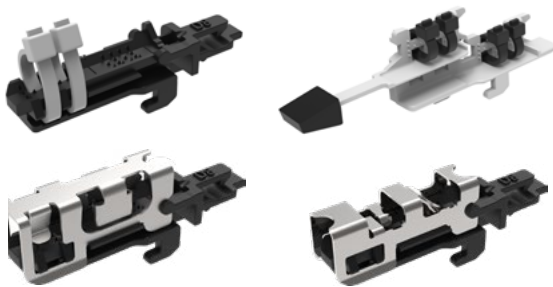
Optimized accessibility with intuitive functionality

From the beginning, NOVUX Compact Closures were designed for ease of installation and access. And because we began with that goal in mind, your technicians will love the way this totally new component simplifies their fieldwork.

- Removable inner body with 360-degree access for ease of fiber routing
- Innovative removable hinge design allows cover to open from the left, right or top
- Easy entry with Octopus gel, even after numerous accesses
- Intuitive one-touch, slide-and-click functionality

Ready for the field workforce of the future

Fast, intuitive mounting

NOVUX Compact Closures feature built-in mounting clips and straps for easy, quick mounting on nearly any surface. And to ease installation and maintenance, CommScope's universal click-in mounting bracket can be used in all applications.
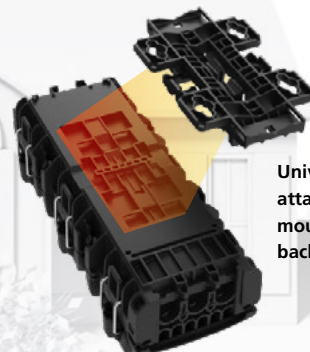
Universal mounting bracket attaches to the built-in mounting features on the back of the closure

| Standard mounting clips | Pole mounting | Pedestal mounting | Strand mounting | Wall or flat surface mounting |

One-click access to all product information

NOVUX Compact Closures come with a QR code that allows installers to access CommScope's cTrak® app and an optional customer-configurable ID plate.

- Quick digital access to information, specifications, installation instructions, videos, schematics, and test results

- Ease of network record-keeping

- Clarity for multiple operators that share locations

- Helps installers find your closures and service your network faster

cTrak®

YOUR LOGO

See how cTRAK works

Download cTRAK app

The ultimate flexibility for more field conditions and locations

Product detail	CSC 40	CSC 100
Splice/patch capacity	24/8	24/12
Splice-only capacity	48	48 or 72 (SC)
Drops	4 (single) or 8 (dual)	6 (single) or 12 (dual)
Splitter quantity	Up to 2	Up to 2
Feeder ports	2	2 + 1 branch port
Cable size	6-14 mm (0.23-0.55 in)	6-14 mm (0.23-0.55 in)
L x W x H	215 x 117 x 77 mm (8.46 x 4.6 x 3.0 in)	284 x 117 x 77 mm (11.2 x 4.6 x 3.0 in)
Colors	Black or gray	Black or gray

NOVUX helps achieve net-zero targets and build a sustainable broadband future

CommScope designed NOVUX using sustainable practices to help customers meet their own corporate sustainability goals.

- Optimized supply chain and regional manufacturing capability
- Reduced inventory due to modular design
- Smaller sizes with less materials
- Eliminated printed materials with QR codes and cTrak
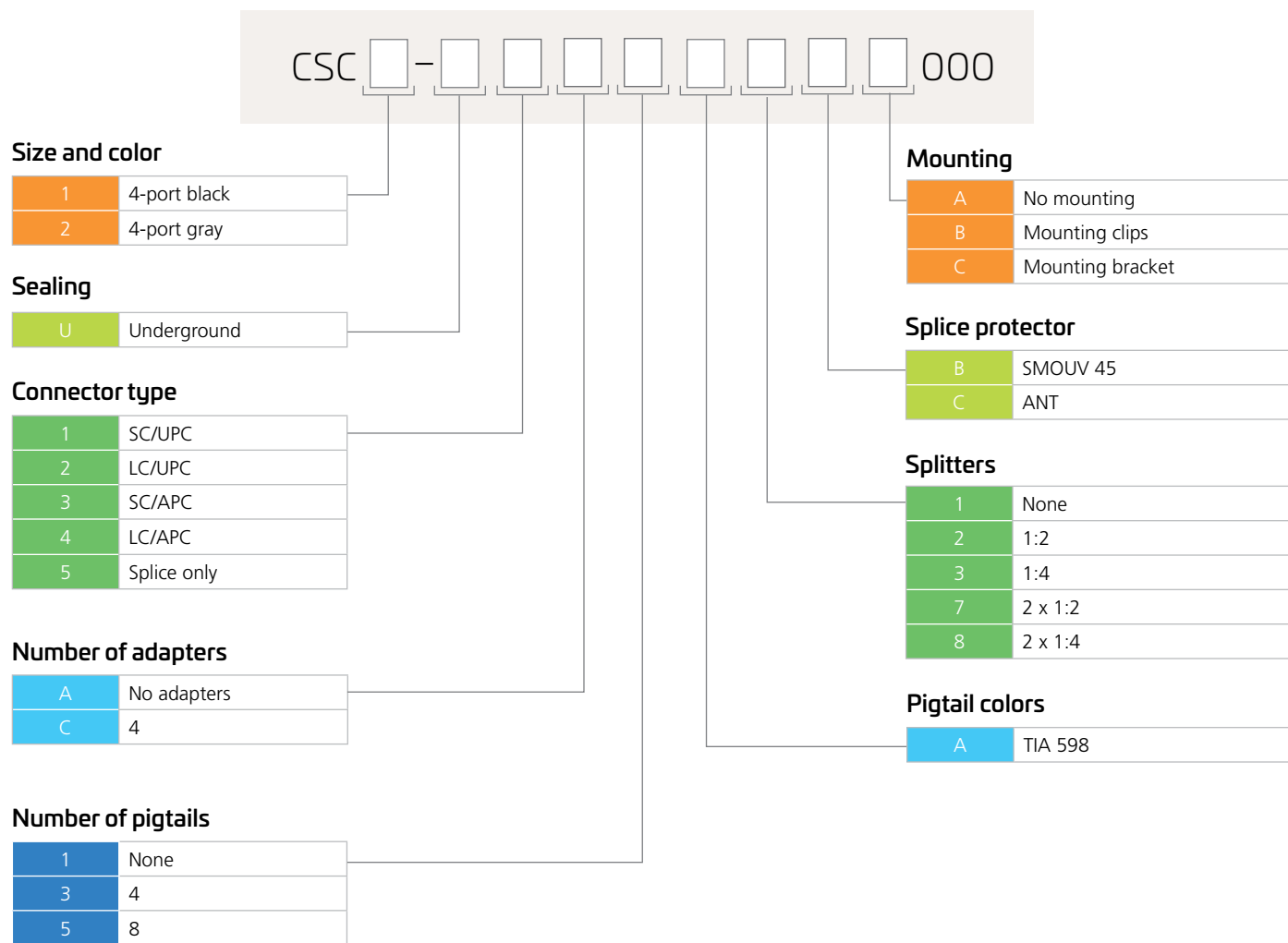- Compact, convenient packaging

LESS

Waste and materials

Single-use plastics

Packaging and paper
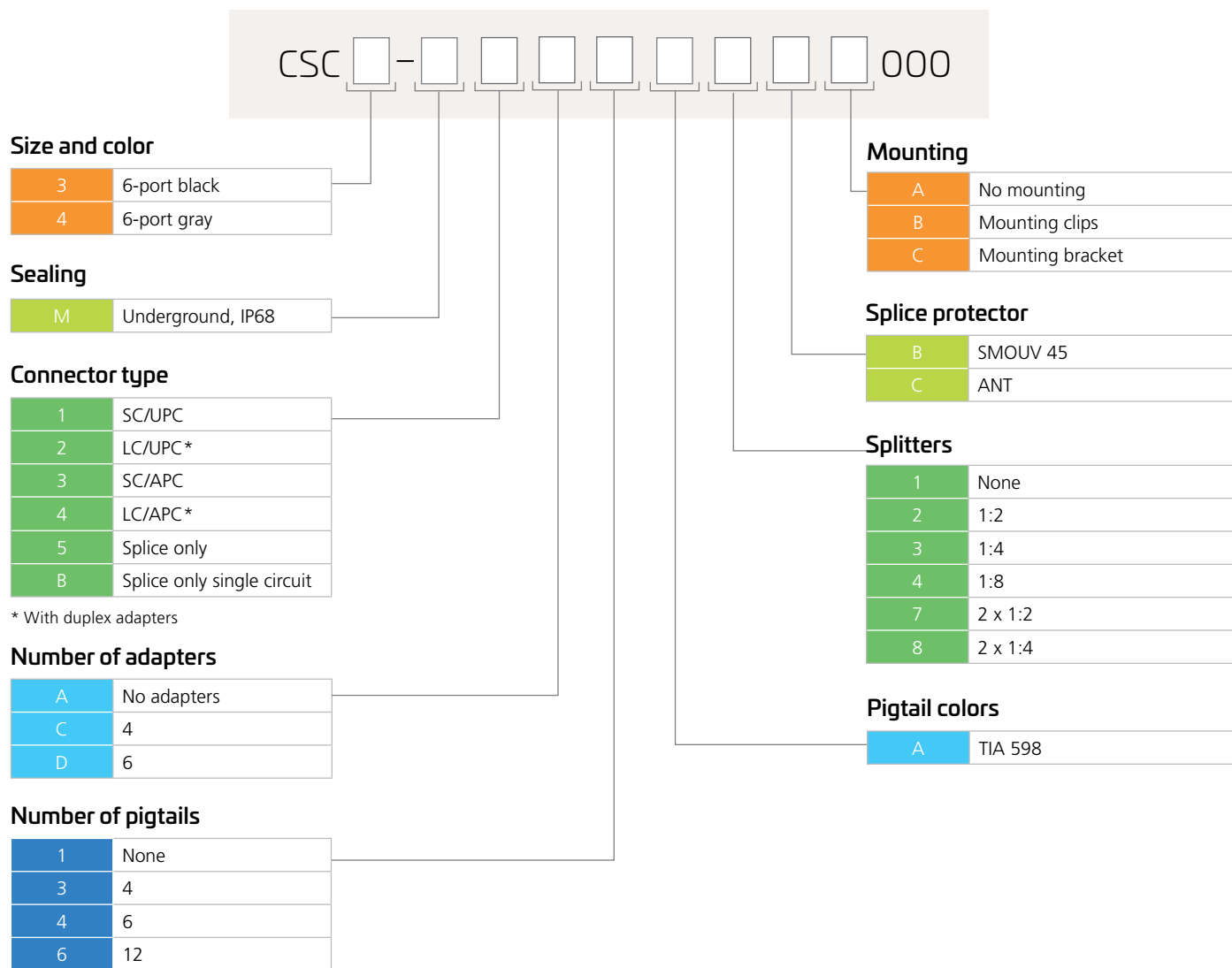
Carbon footprint and emissions

NOVUX Compact Closure CSC 40 ordering information

CSC ☐ – ☐ ☐ ☐ ☐ ☐ ☐ ☐ 000

Size and color

1	4-port black
2	4-port gray

Sealing

U	Underground

Connector type

1	SC/UPC
2	LC/UPC
3	SC/APC
4	LC/APC
5	Splice only

Number of adapters

A	No adapters
C	4

Number of pigtails

1	None
3	4
5	8

Mounting

A	No mounting
B	Mounting clips
C	Mounting bracket

Splice protector

B	SMOUV 45
C	ANT

Splitters

1	None
2	1:2
3	1:4
7	2 x 1:2
8	2 x 1:4

Pigtail colors

A	TIA 598

Contact your CommScope
representative for
configuration availability.

NOVUX Compact Closure CSC 100 ordering information

CSC ☐ – ☐ ☐ ☐ ☐ ☐ ☐ ☐ 000

Size and color

3	6-port black
4	6-port gray

Sealing

M	Underground, IP68

Connector type

1	SC/UPC
2	LC/UPC*
3	SC/APC
4	LC/APC*
5	Splice only
B	Splice only single circuit

* With duplex adapters

Number of adapters

A	No adapters
C	4
D	6

Number of pigtails

1	None
3	4
4	6
6	12

Mounting

A	No mounting
B	Mounting clips
C	Mounting bracket

Splice protector

B	SMOUV 45
C	ANT

Splitters

1	None
2	1:2
3	1:4
4	1:8
7	2 x 1:2
8	2 x 1:4

Pigtail colors

A	TIA 598

Contact your CommScope representative for configuration availability.

Cable Termination Unit options

Cable retention[1]

A	None
B	NVX-CR-MC-FT-NN
C	NVX-CR-MC-RD-NN
D	NVX-CR-SA-SM-NN
E	NVX-CR-TI-SM-NN
F	NVX-CR-DU-FL-NN
G	NVX-CR-DU-SL-NN
	NVX-CR-SA-ME-NN

NVX-CR-MC-FT-NN

• Flat cable
• Metal clip
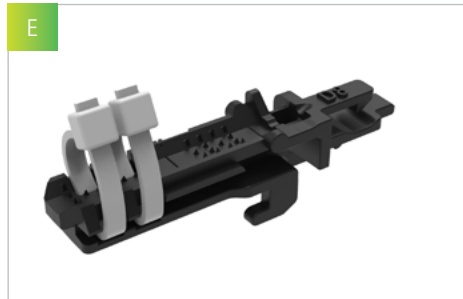• Range: 3 x 5 to 4 x 8 mm
  (0.11 x 0.19 to 0.15 x 0.31in)
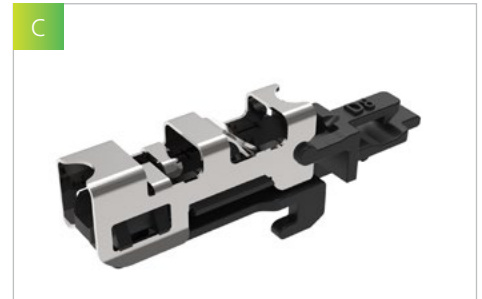
NVX-CR-MC-RD-NN

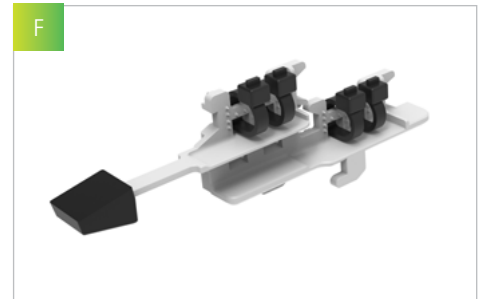• Round cable
• Metal clip
• Range: 4 to 6.2 mm (0.15 to 0.24 in)

NVX-CR-SA-SM-NN

• Round cable
• Small, up to 8 mm (0.31 in)
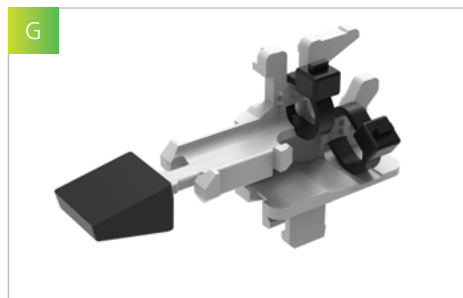• Strength member
• Aramid yarns
• Single layer

NVX-CR-TI-SM-NN

• Round cable
• Small, up to 8 mm (0.31 in)
• Aramid yarns
• Single layer

NVX-CR-DU-FL-NN

• Round cable
• Up to 6.2 mm (0.24 in)
• Aramid yarns
• Dual layer
• Full length

NVX-CR-DU-SL-NN

• Round cable
• Small, up to 8 mm (0.31 in)
• Aramid yarns
• Dual layer
• Compact length
• CSC 40 only

NVX-CR-SA-ME-NN

• Round cable (branch port)
• Up to 14 mm (0.55 in)
• Strength member
• Aramid yarns
• Single layer
• CSC 100 only

Accessories

NVX-UMC-SM-NN-BK	Mounting clips for CSC 40/100
NVX-UMB-NN-SS-BK	Universal mounting bracket
NVX-CMB-NN-UV-BK	Universal cable mounting bracket
NVX-SMB-CC-NN-NN	Universal strand mount kit
NVX-VLV-NN-NN-MC	Valve kit
NVX-GRND-NN-NN-NN	Grounding kit for CSC 100
NVX-GRND-NN-NN-4	Grounding kit for CSC 40
NVX-LCK-NN-NN-001	Hingelock kit
NVX-CMB-NN-10-BK	External cable fixation bracket kit

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.

COMMSCOPE®

commscope.com

Visit our website or contact your local CommScope representative for more information.

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