NOVUX™
Hardened Terminals

A modular ecosystem that's easily
configurable and scalable

COMMSCOPE®

AMT
advanced media technologies

NOVUX is the natural evolution of today's products—made better

When we set out to design our new NOVUX™ fiber-to-the-X (FTTX) ecosystem, we listened carefully to our customers. You told us that solutions must deliver the agility to evolve quickly while providing the flexibility to work seamlessly with any field application. We also learned you need solutions that deliver reliability today—and decades from now—so that you can realize your goals and keep pace with the rapidly changing network environment.

75% fewer components than existing products

D E L I V E R

50X the number of configurations available today

The NOVUX hardened terminals advantage

Configurable. Scalable. Simple.

Widest variety of technologies available from a single platform	**Application flexibility for new builds and upgrades**	**Ready for the field workforce of the future**	**Agile global supply chain backed by common platform design and processes**
• Single- and multi-fiber, splitters, optical tap, fiber indexing, and on-demand hybrid configurations	• Extended choice of cable types and sizes; stubless configurations	• Unique network identification with ID plate and QR code	• Multiple global locations with local manufacturing advantage
	• Minimized footprint for optimal port count and terminal size	• Uniform installation practices and documentation speeds cross-training	• Industry-renowned local field expertise and support
	• Black and gray colors for ease of concealment	• Digital access to all product information powered by CommScope cTrak® app	

NOVUX hardened terminals

UP TO 40% smaller*

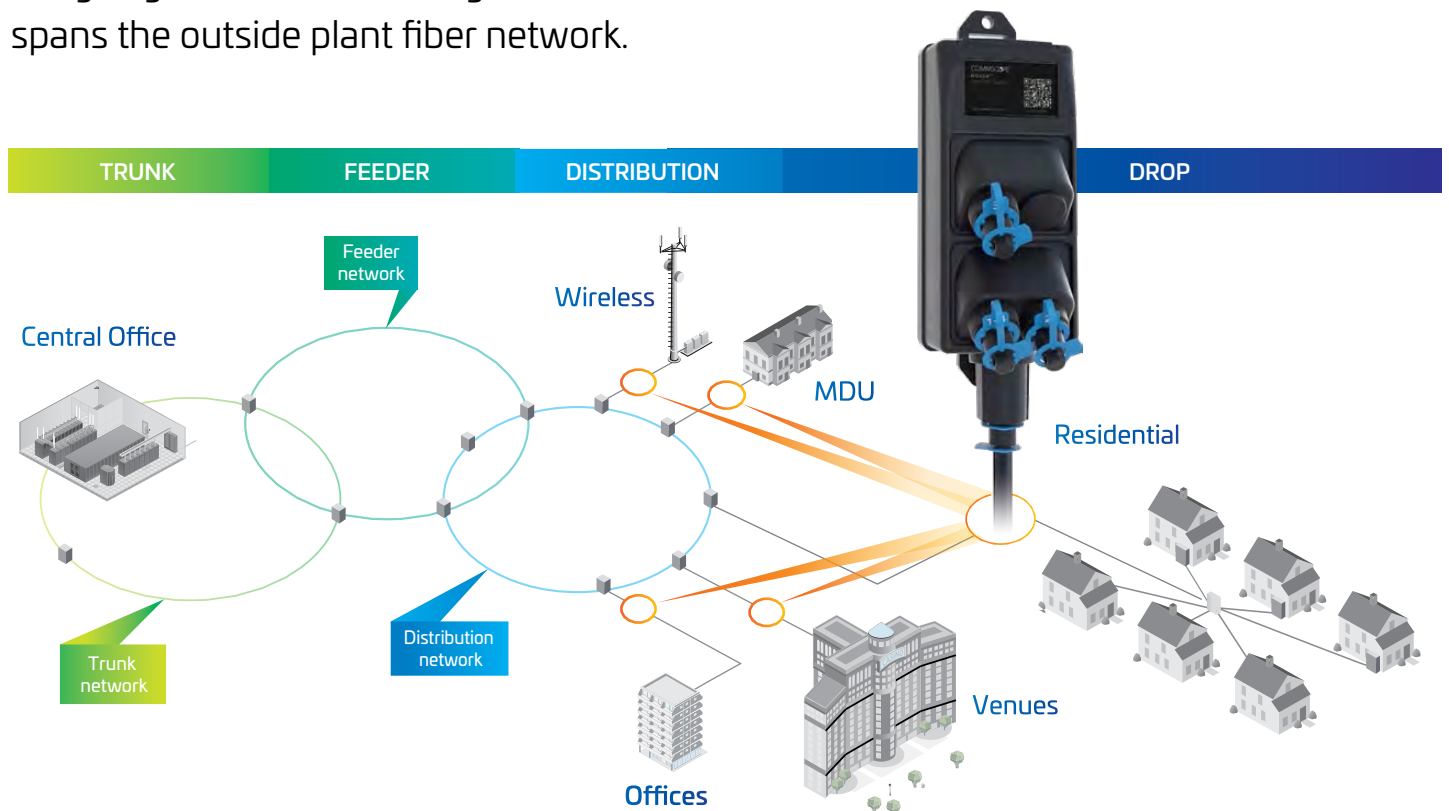*compared to existing MST terminals with universal mounting bracket

| Current MST 8-port | NOVUX HST 8-port |

NOVUX hardened terminals are engineered from the get-go as a new FTTX system architecture that spans the outside plant fiber network.

| TRUNK | FEEDER | DISTRIBUTION | DROP |

Feeder network

Wireless

Central Office

MDU

Residential

Trunk network

Distribution network

Venues

Offices

A complete FTTX ecosystem for all your network applications

Configurable, scalable, simple. Sounds like a tall order. That's where CommScope's new NOVUX hardened terminals come in. The modular design and innovative technology of our new terminals will help our provider partners keep pace with a rapidly changing network environment.

NOVUX single-fiber terminals

- Ideal for single-family unit communities
- Up to 12 ports
- Point-to-point (P2P) or splitter configurations

NOVUX multi-fiber terminals

- Ideal for multi-fiber applications
- Up to 12 ports
- 2 to 12 fibers per port

NOVUX optical tap terminals

- Reduce deployment costs in rural or low-density applications
- Plug-and-play 2, 4, 8 drops

NOVUX fiber indexing terminals

- Leverage innovative fiber indexing for new builds
- 12 and 24 fibers

Learn more about fiber indexing

Each terminal in these applications is from the NOVUX HT Series. They're designed to adapt to your application—sharing connection capabilities, a unique product information system, a mounting platform, and customer configurability. While NOVUX hardened terminals are helping build your network, they're building your long-term profitability, because one terminal works for all your applications in all your deployments.

The ultimate flexibility for plug-and-play FTTH solutions

NOVUX hardened terminals				
NOVUX HT	**TECHNOLOGIES AVAILABLE**	**SMALL**	**MEDIUM**	**LARGE**
HST Series	**Single-fiber: P2P/no splitters**	2 ports	6 ports	12 ports
		4 ports	8 ports	
	Single-fiber: P2P w/splitters	2 ports, 1x1:2	8 ports, 2x1:4	12 ports, 3x1:4
		4 ports, 1x1:4	8 ports, 1x1:8	
	Hybrid for multi-use		7 ports, 1x1:4 splitter, 3 P2P	12 ports, 1x1:8 splitter, 4 P2P
		4 ports, 1x1:2 splitter, 2 P2P	8 ports, 1x1:4 splitter, 4 P2P	11 ports, 2x1:4 splitter, 2 P2P, 1 HMFOC 4f

		SMALL	**MEDIUM**	**LARGE**
HMT Series	**Multi-fiber**	Up to 24f	Up to 24f	Up to 24f
		2 ports, each 2, 4, 6, 8 or 12f	6 ports, each 2, 3 or 4f	12 ports, each 2f
		3 ports, each 2, 4, 6, or 8f	8 ports 2 or 3f	
		4 ports, each 2, 4, or 6f		

		SMALL	**MEDIUM**	**LARGE**
HTT Series	**Optical taps**	2 drops	4 drops	8 drops

		SMALL	**MEDIUM**	**LARGE**
HXT Series	**Fiber indexing**	12 fiber index only, 1f	12 fiber 1:4	12 fiber 1:8
		12 fiber index only, 2f	12f multi-use 2f + 1:4	12 fiber multi-use, 3f +1:4
		12 fiber index only, 3f	24f multi-use 2f	12 fiber multi-use, 4f +1:4
		12 fiber index only, 4f	24f multi-use 3f	12 fiber multi-use, 2f +1:8
		12 fiber multi-use, 2f	24f multi-use 4f	
		12 fiber branching, 2 to 6f per port		

On-demand configurations are available. Contact your CommScope representative to discuss your specific needs.

One platform. Any deployment. Choose your connectivity and cable option.

NOVUX hardened terminal configurations:

- Full-size single-fiber connector
- HMFOC multi-fiber (2-12 fibers) connector
- Full-size jack or HMFOC jack in terminal front ports
- HMFOC or full-size plug on terminated stubs
- Stubless versions with either HMFOC (12f) or full-size jacks in cable port

Go to CommScope fiber cables portfolio

Full size—Single fiber	HMFOC—Multi-fiber
	HMFOC Plug (female/no pin)
	HMFOC Jack (male/pinned)
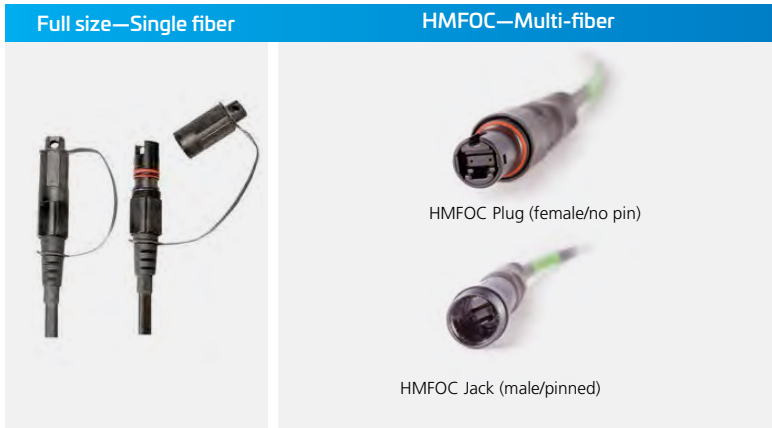
Cable types	Cable sizes
Flat dielectric	8 mm W x 4.3 mm H
Flat toneable / locatable	10.1 mm W x 4.3 mm H
Round armored	8.0 cm (3.1")
Round dielectric	5 mm (capability up to 18 mm)

Ready for the field workforce of the future

Whatever the application, wherever you need to mount them, NOVUX hardened terminals are ready. The built-in mounting tabs and mounting strap features easy, direct mounting onto a strand, flat surface, pole, pedestal, or within a hand hole. Alternatively, to ease installation and maintenance, CommScope's universal mounting bracket can be used in all mounting applications. With one common platform, installation across the series is easy and efficient and is backed by consistent documentation and training.

Strand mounting

Pole mounting
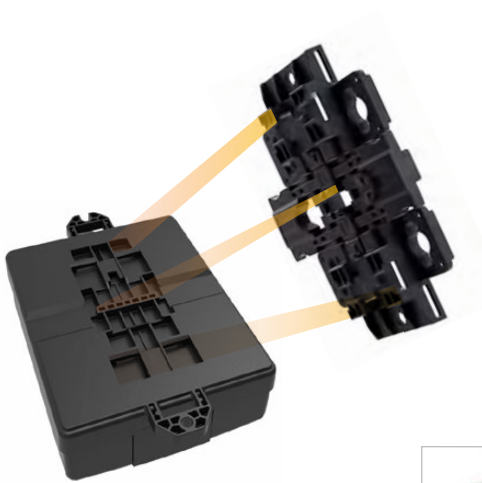
Universal mounting bracket* attaches to the built-in mounting features on the back of the terminal

* Ordered separately

Universal cable bracket with overlength

Pedestal mounting

Flat surface mounting

Unique network identification

One-click access to all product information

Each NOVUX hardened terminal comes with a QR code that allows field installers to access CommScope's cTrak® app. With one click, cTrak provides a wealth of product information, specifications, installation instructions, videos, schematics, and test results.

NOVUX—built for you

You work hard to give your customers the best network connectivity. Why should your terminals look the same as those of other providers? NOVUX hardened terminals offer an optional customer-configurable ID plate, for ease of network record-keeping, and clarity for multiple operators that share locations.

See how cTRAK works

Download cTRAK app

YOUR LOGO

Investing in the planet

CommScope designed NOVUX using sustainable practices for packaging, labeling and installation, helping customers meet their own corporate sustainability goals.

All components come in compact, convenient packaging for optimal environmental benefit and minimize single-use plastic.

NOVUX hardened terminals, single-fiber

HST-☐☐H ☐ ☐ ☐☐☐☐ ☐☐ ☐☐☐

Housing color

B	Black, RAL 9005
G	Gray, RAL 7035

Number of ports

2	2 port
3	3 port
4	4 port
5	5 port
6	6 port
8	8 port
9	9 port
A	10 port
B	11 port
C	12 port

Adapter type

H	Full-size

Configuration standard

N	No splitter
A	1:2 splitter
B	1:4 splitter
C	1:8 splitter
D	2x 1:4 splitter
E	3x 1:4 splitter
F	1:2 splitter + 2P2P
G	1:4 splitter + 3P2P
H	1:4 splitter + 4P2P
J	1:8 splitter + 4P2P
K	2x 1:4 splitter + 2P2P + 4f HMFOC

Cable type*

A	Flat dielectric
B	Flat toneable
C	Round armored
G	Round dielectric
0	Stubless

* 0-300 foot lengths of cable are coiled (option 000); for lengths greater than 300 feet, choose preferred option

Cable length

0000	0 ft, 0 m
0010	10 ft, 3 m
0030	30 ft, 9 m
0033	33 ft, 10 m
0050	50 ft, 15 m
0066	66 ft, 20 m
0100	100 ft, 30 m
0150	150 ft, 45 m
0165	165 ft, 50 m
0200	200 ft, 60 m
0250	250 ft, 76 m
0300	300 ft, 91 m
0330	330 ft, 100 m
0350	350 ft, 106 m
0400	400 ft, 121 m
0450	450 ft, 137 m
0500	500 ft, 152 m
0550	550 ft, 167 m
0600	600 ft, 182 m
0650	650 ft, 198 m
0700	700 ft, 213 m
0725	725 ft, 220 m
0750	750 ft, 228 m
0800	800 ft, 243 m
0821	821 ft, 250 m
0850	850 ft, 259 m
0900	900 ft, 274 m
0985	985 ft, 300 m
1000	1000 ft, 304 m
1100	1100 ft, 335 m
1150	1150 ft, 350 m
1200	1200 ft, 365 m
1250	1250 ft, 381 m
1300	1300 ft, 396 m
1400	1400 ft, 426 m
1500	1500 ft, 457 m
1600	1600 ft, 487 m
1642	1642 ft, 500 m
1700	1700 ft, 518 m
1750	1750 ft, 533 m
2000	2000 ft, 609 m

Customization

000	Standard (stub first)
001	Reverse spool (terminal first)
002	Plastic spool (stub first)
003	Plastic spool (terminal first)

Accessories

N	No accessories
U	Universal bracket
S	Strand bracket
P	Universal cable bracket

Stub end

N	Splice stub
0	Stubless
H	Full-size
F	HMFOC plug (female/no pin)

Contact your CommScope representative for configuration availability.

NOVUX hardened terminals, multi-fiber

HMT-☐☐M☐☐☐☐☐☐☐☐☐☐☐

Housing color

B	Black, RAL 9005
G	Gray, RAL 7035

Number of ports

2	2 port
3	3 port
4	4 port
5	5 port
6	6 port
7	7 port
8	8 port
C	12 port

Adapter type

M	HMFOC jack (male/pinned)

Configuration HMT

2	2 fibers
4	4 fibers
6	6 fibers
8	8 fibers
N	12 fibers

Cable length

0000	0 ft, 0 m	0250	250 ft, 76 m	1000	1000 ft, 304 m
0010	10 ft, 3 m	0350	350 ft, 106 m	1250	1250 ft, 381 m
0050	50 ft, 15 m	0450	450 ft, 137 m	1500	1500 ft, 457 m
0100	100 ft, 30 m	0500	500 ft, 152 m	1750	1750 ft, 533 m
0150	150 ft, 45 m	0600	600 ft, 182 m	2000	2000 ft, 609 m
0200	200 ft, 60 m	0750	750 ft, 228 m		

Cable type*

0	Stubless (12f only)
A	Flat dielectric
B	Flat toneable (12f only)

* 0-300 foot lengths of cable are coiled (option 000); for lengths greater than 300 feet, choose preferred option

Customization

000	Standard (stub first)
002	Plastic spool (stub first)

Accessories

N	No accessories
U	Universal bracket
S	Strand bracket
P	Universal cable bracket

Stub end

0	Stubless
N	Splice stub
F	HMFOC plug (no pin)

NOVUX hardened terminals with optical taps

HTT-☐☐H☐0 0000 0 ☐ 000

Housing color

B	Black, RAL 9005
G	Gray, RAL 7035

Number of drop ports

2	2 port
4	4 port
8	8 port

Adapter type

H	Full-size

Tap configurations

A	21dB
B	19 dB
C	17 dB
D	15 dB
E	14 dB
F	13 dB
G	12 dB
H	11 dB
J	11 dB terminating
K	10 dB
L	9 dB
M	8 dB
N	7 dB
P	7 dB terminating
Q	5 dB
R	4 dB terminating
S	22 dB

Customization

000	Standard

Accessories

N	No accessories
U	Universal bracket
S	Strand bracket
P	Universal cable bracket

Stub end

0	Stubless

Cable length

0000	0 ft, 0 m

Cable type

0	Stubless

Contact your CommScope representative for configuration availability.

NOVUX hardened terminals with fiber indexing

HXT- ☐ ☐☐☐☐ ☐ ☐☐☐☐ ☐ ☐ ☐☐☐

Housing color

B	Black, RAL 9005
G	Gray, RAL 7035

Number of ports

2	2 port
3	3 port
4	4 port
5	5 port
6	6 port
7	7 port
8	8 port
9	9 port
A	10 port
B	11 port
C	12 port

Adapter type

H	Full-size
M	HMFOC jack (male/pinned)

Cable type*

A	Flat dielectric
B	Flat toneable 12f

* 0-300 foot lengths of cable are coiled (option 000); for lengths greater than 300 feet, choose preferred option

Configuration index

A	12f index only with 1f reverse
B	12f 1:4 splitter
C	12f 1:4 splitter with reverse
D	12f 1:8 splitter
E	12f 1:8 splitter with reverse
F	12f branching 2f
G	12f branching 3f
H	12f branching 4f
J	12f branching 5f
K	12f branching 6f
L	12f index only 2f
M	12f multi-use 2f
N	12f multi-use 3f
P	12f multi-use 4f
Q	12f multi-use 2f + 1:4
R	12f multi-use 3f + 1:4
S	12f multi-use 4f + 1:4
T	12f multi-use 2f + 1:8
U	24f multi-use 2f
V	24f multi-use 3f
W	24f multi-use 4f

Customization

000	Standard (stub first)
002	Plastic spool (stub first)

Accessories

N	No accessories
U	Universal bracket
S	Strand bracket
P	Universal cable bracket

Stub end

F	HMFOC plug (female/no pin)

Cable length

0010	10 ft, 3 m
0050	50 ft, 15 m
0100	100 ft, 30 m
0150	150 ft, 45 m
0200	200 ft, 60 m
0250	250 ft, 76 m
0300	300 ft, 91 m
0350	350 ft, 106 m
0400	400 ft, 121 m
0450	400 ft, 137 m
0500	500 ft, 152 m
0600	600 ft, 182 m
0750	750 ft, 228 m
0800	800 ft, 243 m
0900	900 ft, 274 m
1000	1000 ft, 304 m
1250	1250 ft, 381 m
1500	1500 ft, 457 m
1750	1750 ft, 533 m
2000	2000 ft, 609 m

Contact your CommScope representative for configuration availability.

Ordering information—accessories

Catalog No.	Description	MOQ
NVX-ACC-UMBSS	Universal mounting bracket small—small actuator	1
NVX-ACC-UMBSM	Universal mounting bracket small—medium actuator	1
NVX-ACC-PMBSS	Universal cable bracket—small	1
NVX-ACC-PMBSM	Universal cable bracket—medium	1
NVX-ACC-SMB	Strand mounting bracket	1
NVX-ACC-PED	Pedestal D bar mounting kit	1

Single-fiber drop cables

Multi-fiber drop cables

FHD single-fiber assemblies

- Full range of drop cables available

- Available in flat dielectric and flat toneable,
  5 mm round cables

- Available with one or both ends connectorized

- Variety of lengths available

Go to FHD single-fiber drop cables

MHD multi-fiber assemblies

- Full range of drop cables available

- Available in flat dielectric and flat toneable

- Available with one or both ends connectorized

- Plug—female, no pin

- Jack—male, pinned

- Variety of lengths available

Go to MHD multi-fiber drop cables

Optimized global supply chain

Local manufacturing advantage

Local expertise and support

Satisfied customers

NOVUX™

A new way for what's next.

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.

COMMSCOPE®