



Hardened Terminals Solution

Flexible solutions for the evolving networks of tomorrow

North America Region

CommScope Hardened Terminal Solutions

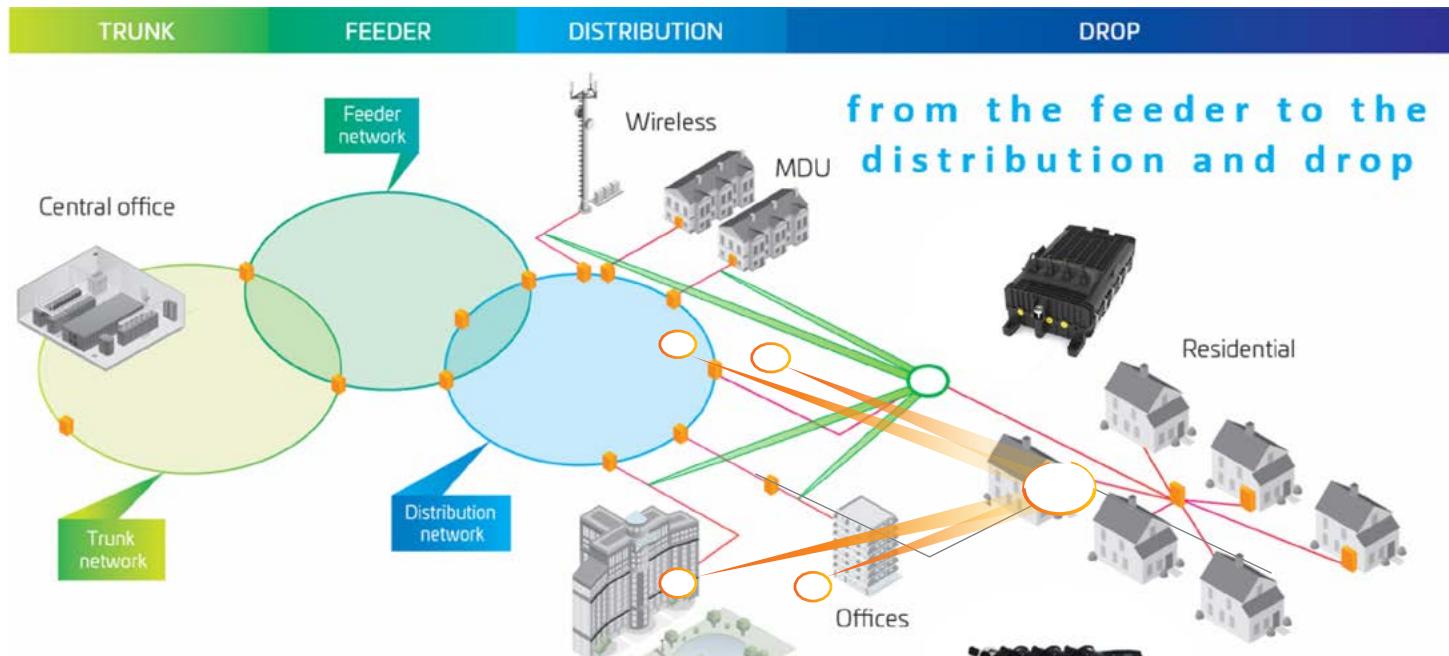
At CommScope, innovation meets reliability with our new generation of Hardened Terminals—engineered to empower your fiber network deployments with unmatched speed, flexibility, and durability. Designed for today's demanding environments, simplifying the installation with plug-and-play reducing deployment time and costs.

Whether you're expanding urban networks or reaching remote rural communities, our terminals deliver superior performance with a modular, scalable architecture. From single and multifiber distribution to fiber indexing technology and cascaded tap architectures, our product portfolio offers versatile mounting options and cost-optimized solutions tailored to diverse FTTH applications.



Discover how CommScope's Hardened Terminals can transform your network—maximizing ROI, accelerating deployment, and future-proofing your fiber infrastructure. Let's build smarter, faster, and stronger networks together.

Explore The Hardened Terminals Portfolio and find the perfect solution for your next project.



CommScope Hardened Terminal Solutions

Hardened terminals

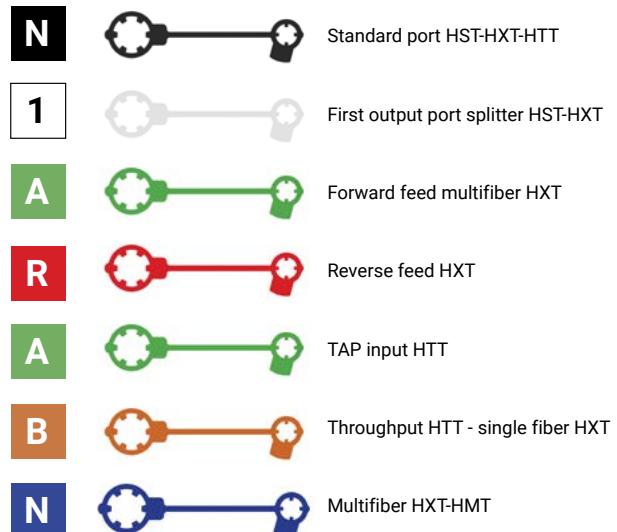


Hardened Terminals	Technologies available	Small	Medium	Large
HST Series	Single-fiber: P2P/no splitters	2 ports	6 ports	12 ports
		4 ports	8 ports	
	Single-fiber: P2P w/splitters	2 ports, 1x1:2	8 ports, 2x1:4	12 ports, 3x1:4
		4 ports, 1x1:4	8 ports, 1x1:8	
	Hybrid for multi-use	4 ports, 1x1:2 splitter, 2 P2P	7 ports, 1x1:4 splitter, 3 P2P	12 ports, 1x1:8 splitter, 4 P2P
			8 ports, 1x1:4 splitter, 4 P2P	11 ports, 2x1:4 splitter, 2 P2P, 1 HMFOC 4f
HMT Series	Multi-fiber	Up to 48f	Up to 96f	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, each 2, 3 or 12f	
		4 ports, each 2, 4, or 6f		
HTT Series	Optical taps	2 drops	4 drops	8 drops
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		

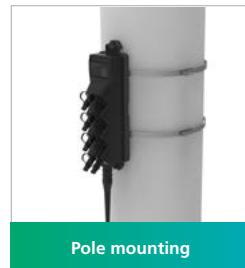
As part of our continued effort to simplify product identification and enhance operational efficiency in the field, a color-coded lanyard system has been implemented across our Hardened Terminal (HT) product families—HST, HXT, HTT, and HMT. Each lanyard color and label has been designed to provide quick visual reference for technicians, indicating specific port functions within the terminal.

This standardization improves clarity during installation and maintenance, supporting faster deployment and reducing potential errors in multi-port environments.

For more details on how these ports relate to specific network configurations or for compatibility support, please reach out to our Technical Assistance Center team or your Sales representative.



Hardened Terminals Mounting Options



Universal Mounting Bracket

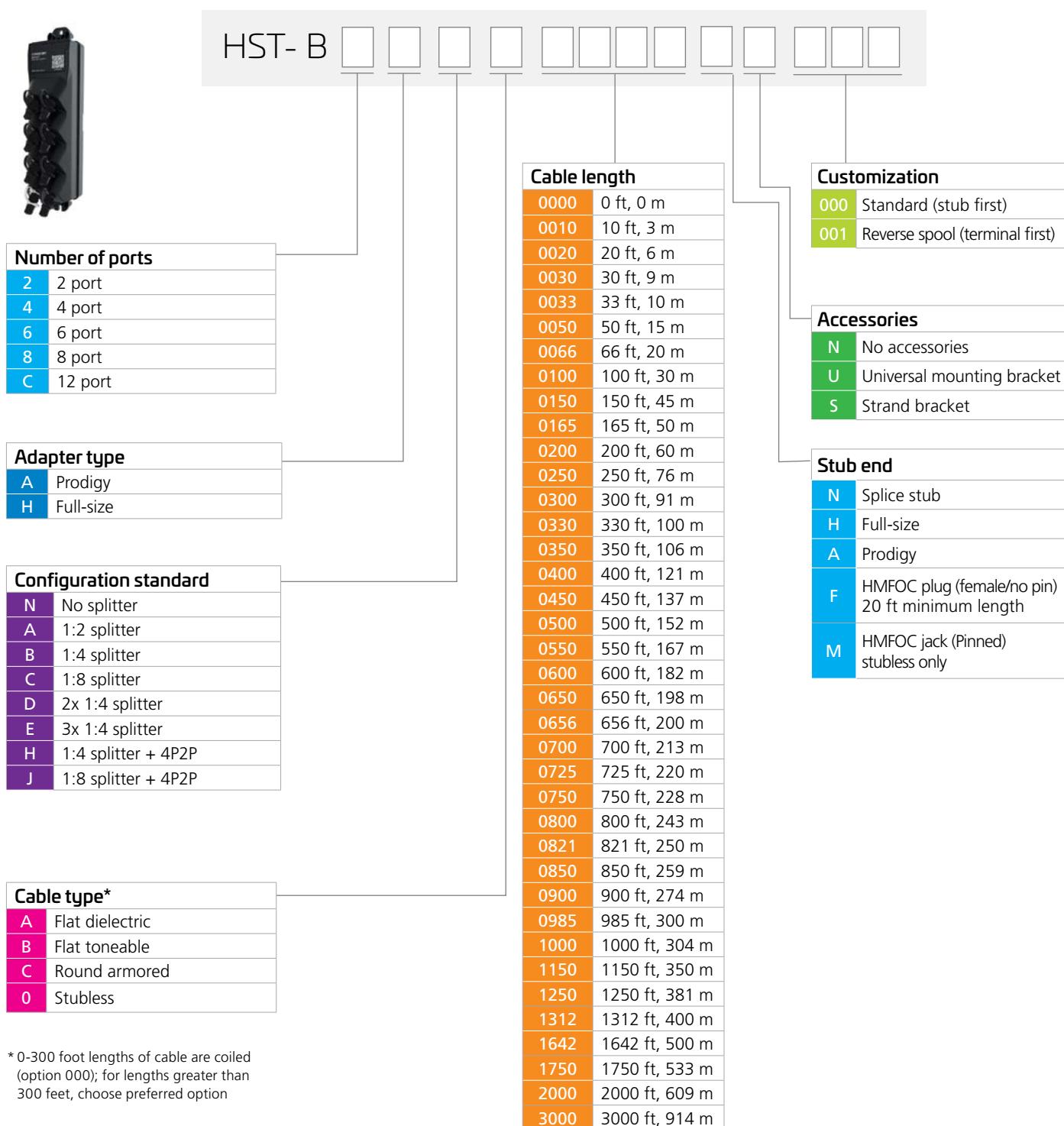
Designed to attach to the integrated mounting features located on the back of the terminal.
Sold separately.



Ordering Information—Accessories

Catalog No.	Description	MOQ
NVX-UMB-NN-SS-BK	Universal mounting bracket small—small actuator (handle)	1
NVX-UMB-NN-SM-BK	Universal mounting bracket small—medium actuator (handle)	1
NVX-CMB-NN-UV-BK	Cable mounting bracket	1
HT-SMB-ACC	Strand mounting bracket	1
NVX-PED-DB-NN-NN	Pedestal D bar mounting kit	1

Hardened Standard Terminal



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

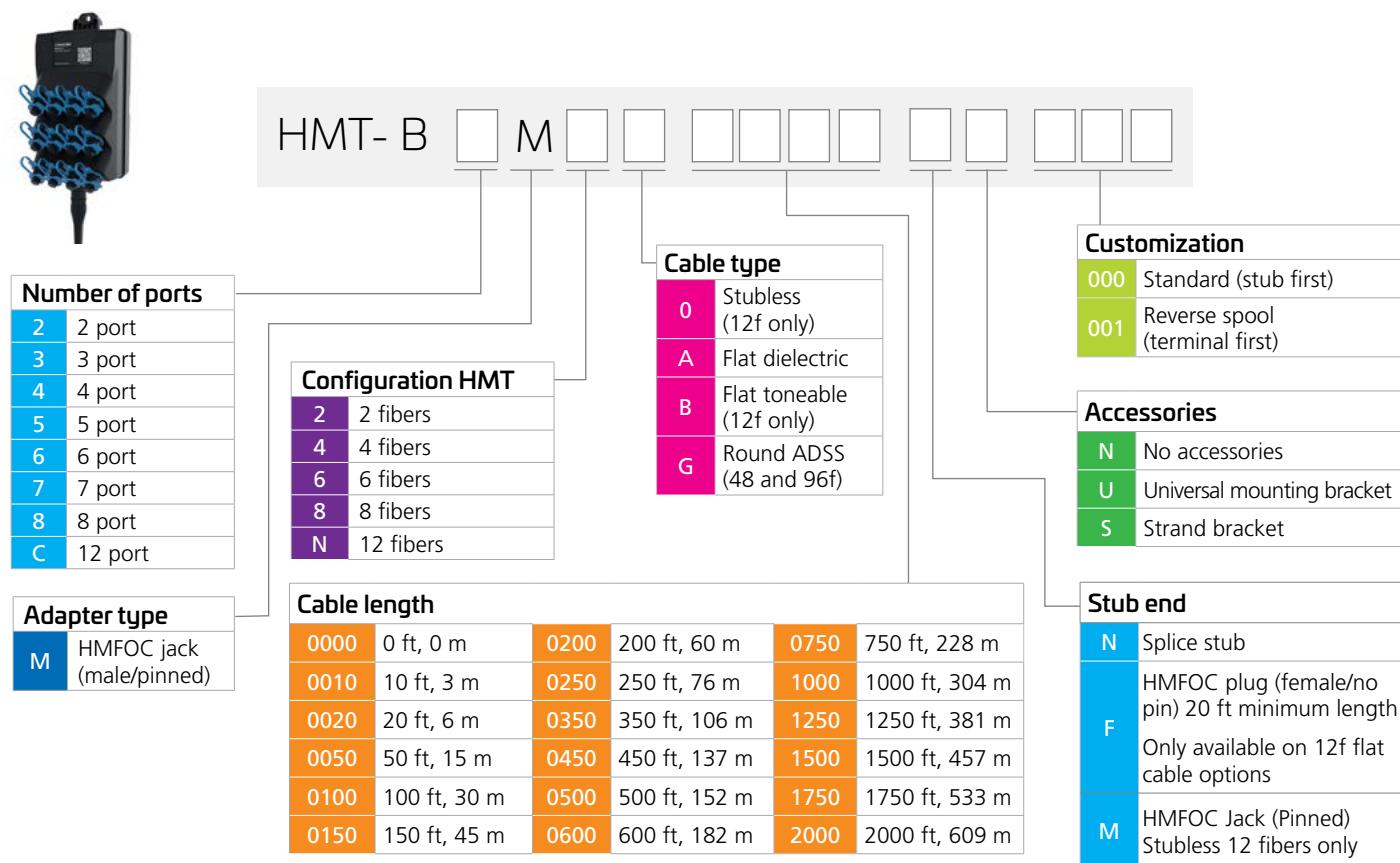
Additional Cable lengths available

- From 1,000 to 2,000 ft: in 100 ft increments
- From 2,000 to 3,000 ft: in 250 ft increments

Note:

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

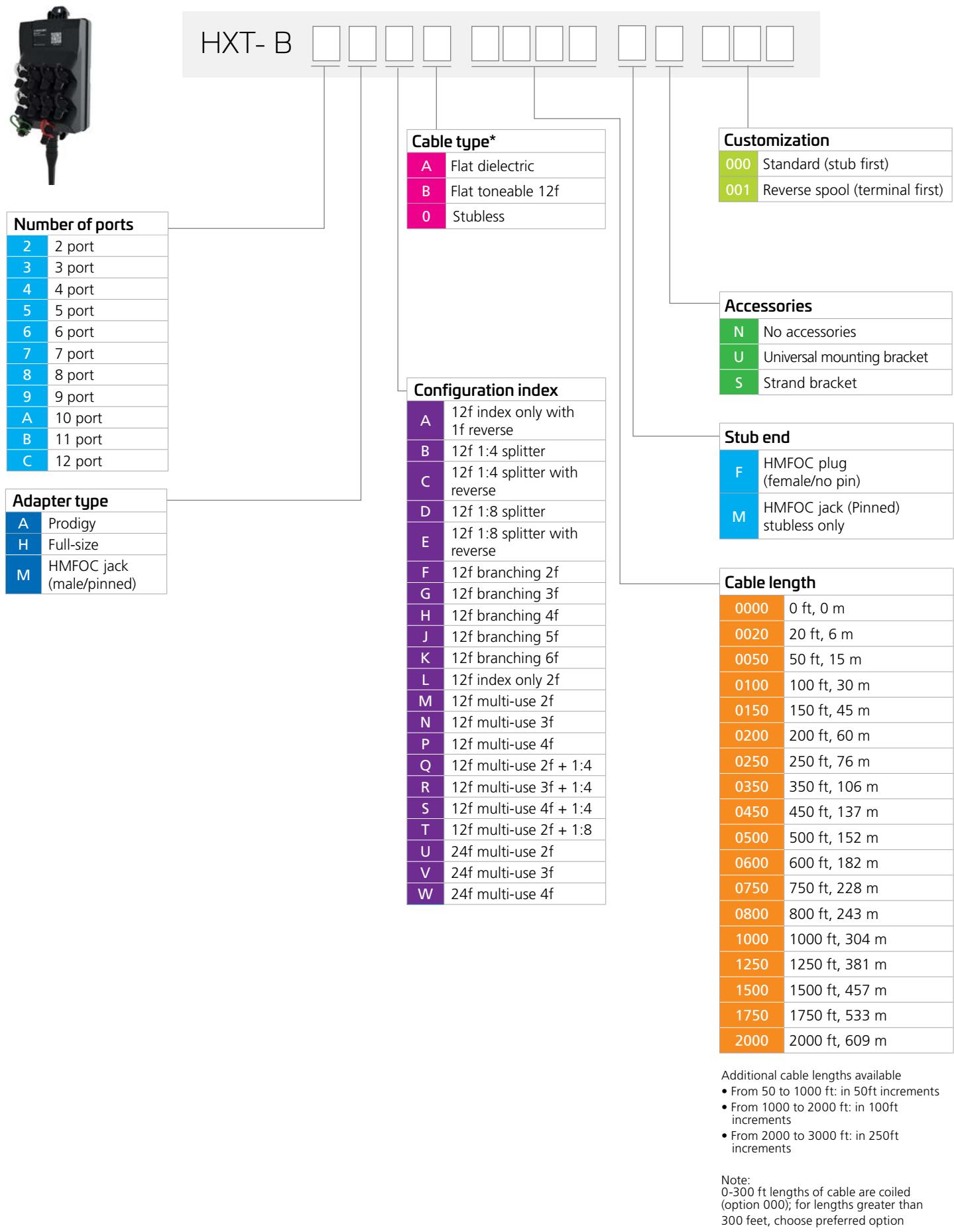
Hardened Multi-fiber Terminal



Hardened TAP Terminal

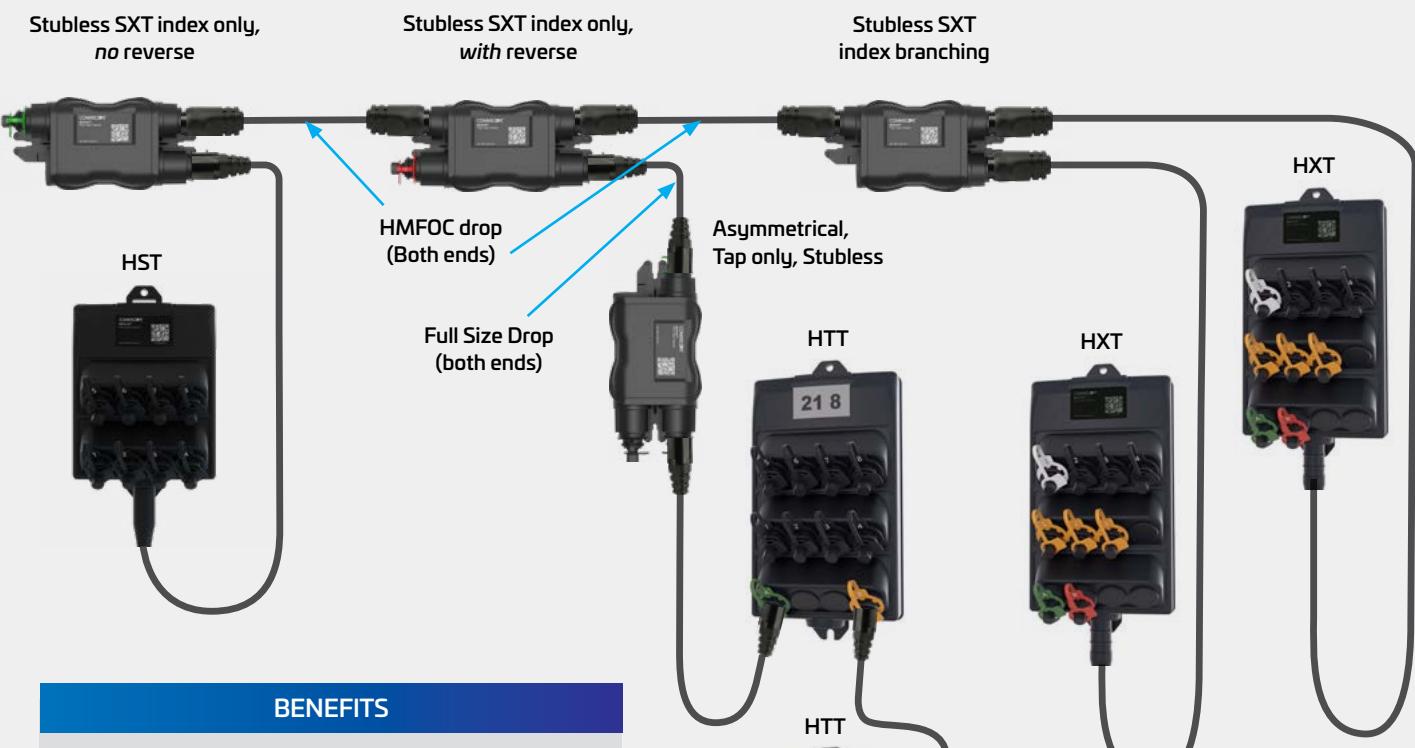


Hardened Indexing Terminal



Specialty Terminals Adapters Configuration

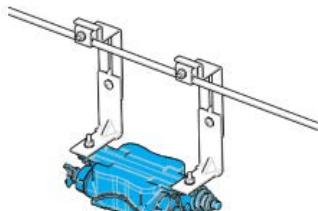
Commscope's Specialty Terminals offer different alternatives for adapters including the Full Size connector and, Prodigy universally compatible with multiple hardened fiber connectors as common features among all components.



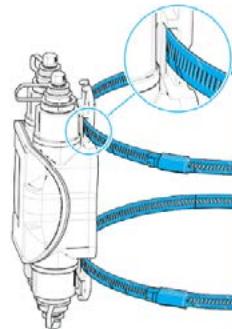
BENEFITS

- **Pay as you grow:** Lower home passed cost, specially with lower take rates. HxT only installed when customer connections needed.
- **Flexibility:** All possible technologies combined in one ODN.
- **TAP:** Very similar to coax tap technology.
- **Indexing:** Perfectly adapted to index brownfields or new deployments.
- **Stubless:** Fewer SKUs on terminals.

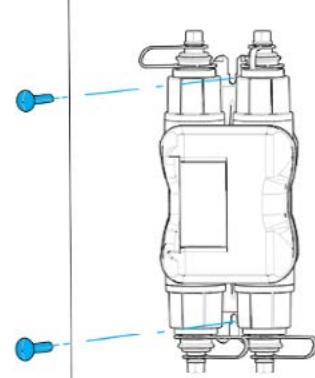
Mounting Options



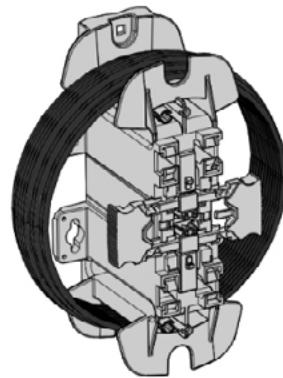
Strand mounting



Pole mounting*



Surface mounting*



Universal cable bracket
with overlength*

* Fixing hardware and straps not included

Ordering Information—Accessories

Catalog no.	Description	MOQ
HT-SMB-ACC	Strand mounting bracket	1
NVX-CMB-NN-UV-BK	Cable Mounting Bracket	1

Specialty Standard Terminal



SST- B 2

Adapter type	
H	Full-size
A	Prodigy

Cable type	
A	Flat dielectric
B	Flat toneable
O	Stubless

Configuration standard	
A	1:2 Splitter

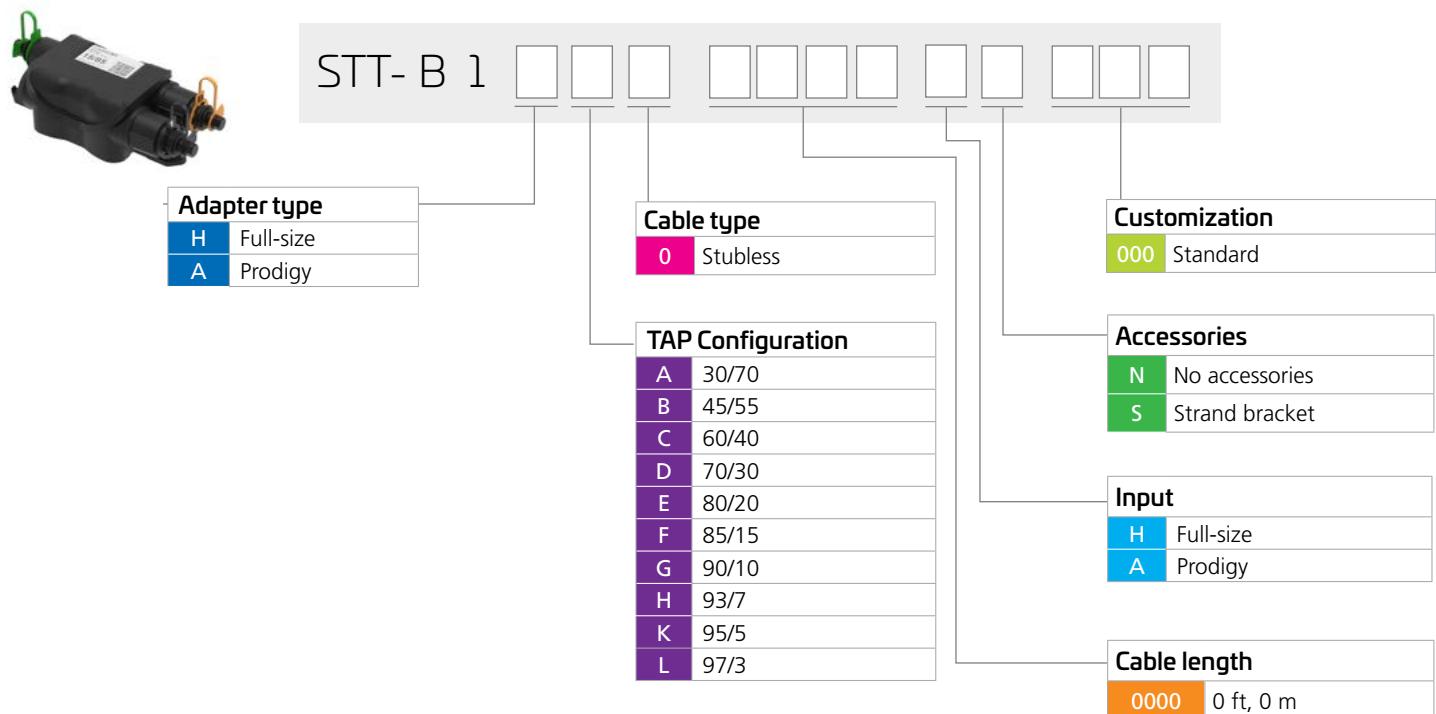
Customization	
000	Standard (stub first)
001	Reverse spool (terminal first)

Accessories	
N	No accessories
S	Strand bracket

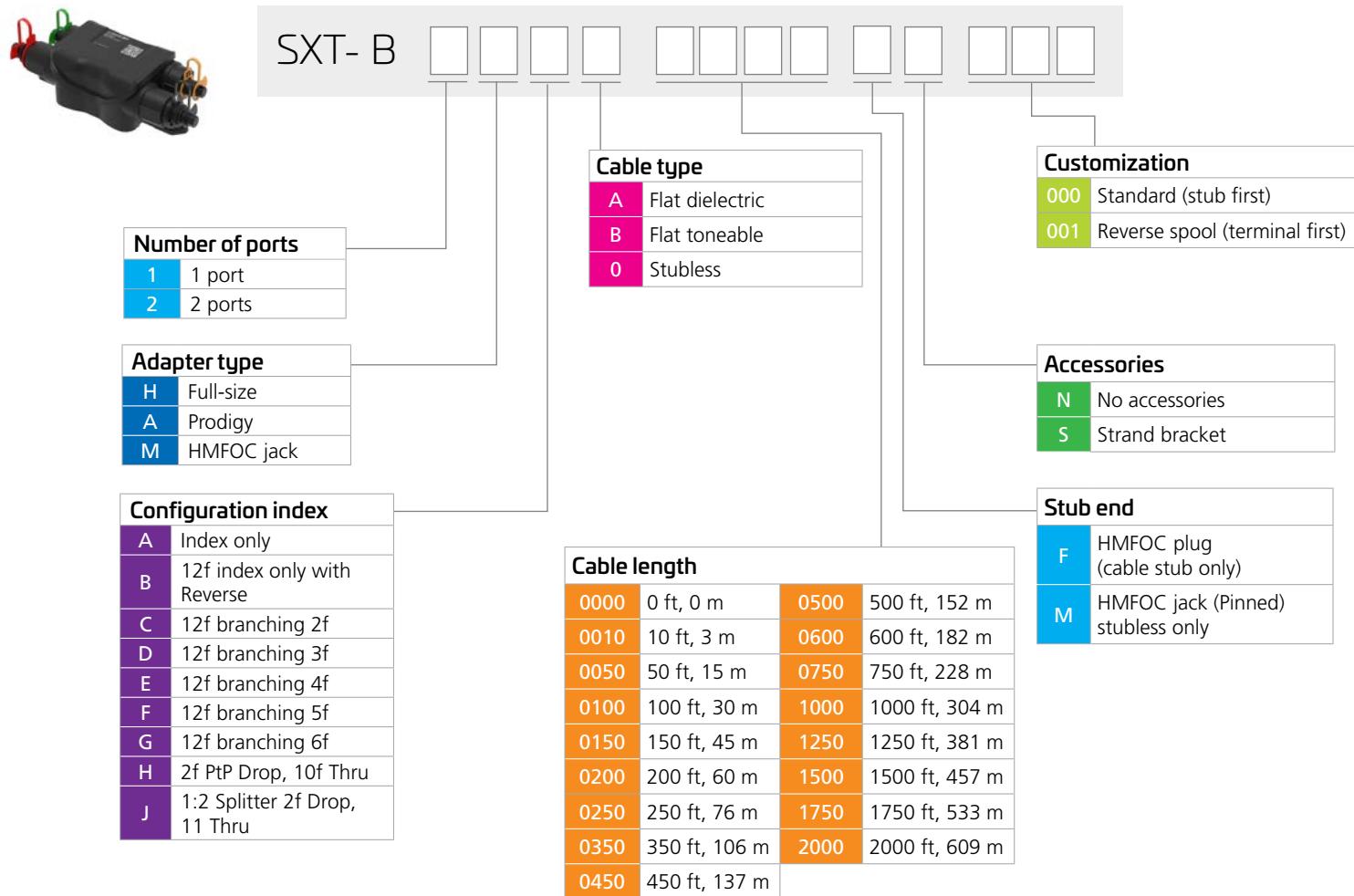
Stub end	
N	Splice Stub
H	Full size
A	Prodigy

Cable length	
0000	0 ft, 0 m
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
0350	350 ft, 106 m
0450	450 ft, 137 m
0500	500 ft, 152 m
0600	600 ft, 182 m
0750	750 ft, 228 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

Specialty TAP Terminal



Specialty Indexing Terminal



Any Application. Any Configuration. One Portfolio.

CONFIGURATIONS

CommScope's family of optical termination enclosures (OTE) was specifically designed to streamline and speed the deployment of fiber while delivering long-lasting reliability and peace of mind. Composed of four OTE series, this portfolio was designed with an almost limitless choice for sizes, styles, and configurations to accommodate nearly every unique deployment need.

These robust enclosures feature pre-connectorized hardened adapter ports and are fully compatible with full size and Prodigy Adapters. They provide plug-and-play simplicity for deploying and managing fiber optic connections. They also offer a unique solution for splicing, termination, and pass-through cable requirements in FTTx architectures to facilitate deployment.



OTE 8 Ports Prodigy

Mini-OTE 300 Series

OTE - M - - G



Number of ports	
02	2 ports
04	4 ports
06	6 ports
08	8 ports
12	12 ports

Type of adapter	
H	Full size
A	Prodigy

Passive optical module options	
NN	No splitter
12	1:2 splitter (FBT)
14	1:4 splitter (planar)
18	1:8 splitter (planar)
2C	2 channel CCWDM
4C	4 channel CCWDM
8C	8 channel CCWDM

Number of trays	
03	3 trays (standard) 2 fiber splicing trays, 1 fiber storage tray

Optional features	
EXT	External mounting
##	Starting CCWDM wavelength, 20nm spacing
##A	Starting CCWDM wavelength skipped channels

Example: OTE- 04MX-14- EXTG03
4 Port Mini-OTE with 1x4 splitter, external mounting, grounding, 3 trays

Mini-OTE 300 Series with Optical Taps

OTE - M - - G



Number of ports	
04	4 ports
08	8 ports
12	12 ports

Type of adapter	
H	Full size
A	Prodigy

Type of tap	
12	2 drops
14	4 drops
18	8 drops

Number of trays	
03	3 trays (standard) 2 fiber splicing trays, 1 fiber storage tray

Tap dB value		2 Drop	4 Drop	8 Drop
04T	4 terminating			
07T		7 terminating		
11T				11 terminating
050	5			
070	7			
080	8			
090		9		
100	10	10		
110		11		
120	12			12
130		13		
140	14			14
150	15	15		15
170	17	17		17
190	19	19		19
210	21	21		21

Example: OTE- 08MH-14-190G03
Eight-port mini-OTE 300, full-size hardened adapters, 1x4 tap, 19dB, ground plug, 3 trays

Flexible Service Terminal with Splitter

Flexible Service Terminal Series – Purpose-Built for Space-Constrained Environments

The flexible service terminal (FST-S) series is engineered for fast, reliable network connections in difficult, space-constrained installation environments.

The compact terminal unit is paired with staggered-length connectorized cables to provide installers maximum flexibility, even in the tightest spaces. Hardened stubs enable quick, reliable plug-and-play integration with the network.

The FST-S's unique design also streamlines maintenance: its flexible hardened adapter stubs can be easily cleaned and reconnected without removing the terminal from its installed position.

The FST-S is available with full size adapters and an optional factory-integrated 1x4 or 1x8 planar splitter.



Engineering the future of broadband™

Service providers across North America trust CommScope for complete, end-to-end Fiber-to-the-Home (FTTH) solutions that optimize broadband deployments with reliable quality. Our proven, innovative technologies help deploy faster, simplify management and scale to meet the demands of modern connectivity, advancing Broadband For Everyone™ solutions. Backed by 50 years of U.S.-based expertise and offering [Build America, Buy America \(BABA\)](#)—compliant products tailored to today's standards, CommScope empowers providers to deliver future-ready networks while maximizing cost efficiency and supporting long-term value.

Discover more at commscope.com.



commscope.com

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

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