Hardened Terminals Solution

Flexible solutions for the evolving networks of tomorrow

North America Region

COMMSCOPE®

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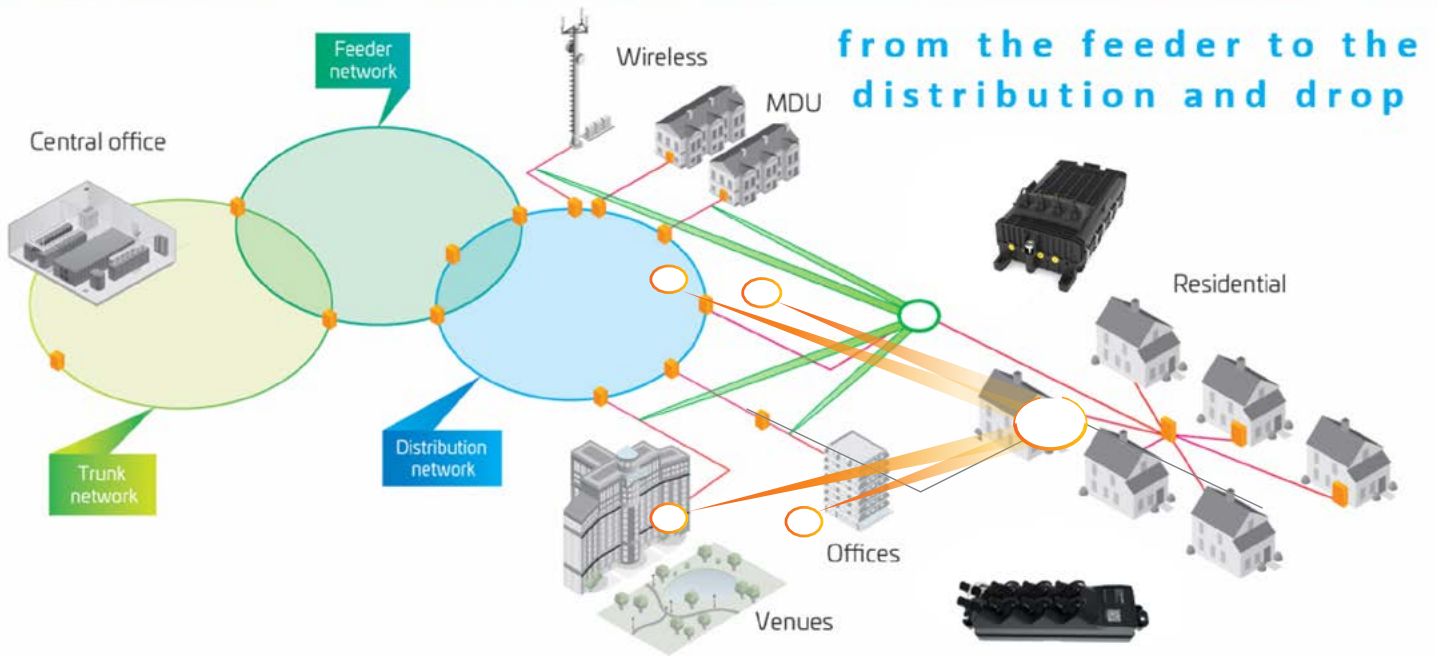
Whether you're expanding urban networks or reaching remote rural communities, our terminals deliver superior performance with a modular, scalable architecture. From single and multifiber distribution to fiber indexing technology and cascaded tap architectures, our product portfolio offers versatile mounting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

Hardened Terminals Prodigy™ & Full-Size Adapter

Mini-OTE-300
(Optical Termination Enclosure)

Specialty Terminals Prodigy™ & Full-Size Adapter

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		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
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	
		3 ports, each 2, 4, 6, or 8f	8 ports, each 2, 3 or 12f	12 ports, each 2f
		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.

N		Standard port HST-HXT-HTT
1		First output port splitter HST-HXT
A		Forward feed multifiber HXT
R		Reverse feed HXT
A		TAP input HTT
B		Throughput HTT - single fiber HXT
N		Multifiber HXT-HMT

Hardened Terminals Mounting Options

Strand mounting

Pole mounting

Universal cable bracket with overlength

Pedestal mounting
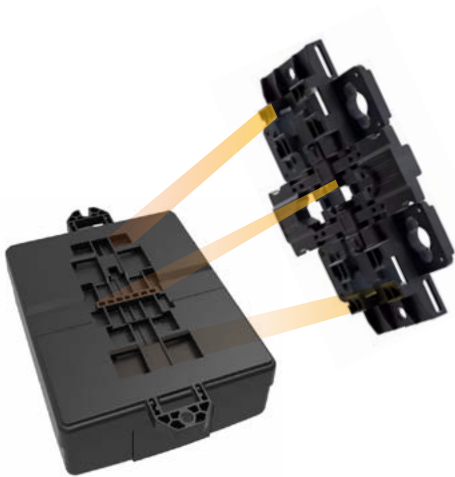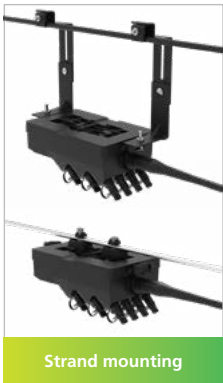
Universal Mounting Bracket
Designed to attach to the integrated mounting features located on the back of the terminal.
Sold separately.

Flat surface mounting

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

HST- B ☐☐☐☐ ☐☐☐☐ ☐☐ ☐☐☐

Number of ports

2	2 port
4	4 port
6	6 port
8	8 port
C	12 port

Adapter type

A	Prodigy
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
H	1:4 splitter + 4P2P
J	1:8 splitter + 4P2P

Cable type*

A	Flat dielectric
B	Flat toneable
C	Round armored
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
0020	20 ft, 6 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
0656	656 ft, 200 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
1150	1150 ft, 350 m
1250	1250 ft, 381 m
1312	1312 ft, 400 m
1642	1642 ft, 500 m
1750	1750 ft, 533 m
2000	2000 ft, 609 m
3000	3000 ft, 914 m

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

Customization

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

Accessories

N	No accessories
U	Universal mounting bracket
S	Strand bracket

Stub end

N	Splice stub
H	Full-size
A	Prodigy
F	HMFOC plug (female/no pin) 20 ft minimum length
M	HMFOC jack (Pinned) stubless only

Hardened Multi-fiber Terminal

HMT- B ☐ M ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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 type

0	Stubless (12f only)
A	Flat dielectric
B	Flat toneable (12f only)
G	Round ADSS (48 and 96f)

Cable length

0000	0 ft, 0 m	0200	200 ft, 60 m	0750	750 ft, 228 m
0010	10 ft, 3 m	0250	250 ft, 76 m	1000	1000 ft, 304 m
0020	20 ft, 6 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

Customization

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

Accessories

N	No accessories
U	Universal mounting bracket
S	Strand bracket

Stub end

N	Splice stub
F	HMFOC plug (female/no pin) 20 ft minimum length. Only available on 12f flat cable options
M	HMFOC Jack (Pinned) Stubless 12 fibers only

Hardened TAP Terminal

HTT- B ☐ ☐ ☐ 0 0000 0 ☐ 000

Number of drop ports

2	2 port
4	4 port
8	8 port

Adapter type

A	Prodigy
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 mounting bracket
S	Strand bracket

Stub end/input port

0	Stubless

Cable length

0000	0 ft, 0 m

Cable type

0	Stubless

Hardened Indexing Terminal

HXT- B ☐☐☐☐ ☐☐☐☐ ☐☐ ☐☐☐

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

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

Cable type*

A	Flat dielectric
B	Flat toneable 12f
0	Stubless

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)
001	Reverse spool (terminal first)

Accessories

N	No accessories
U	Universal mounting bracket
S	Strand bracket

Stub end

F	HMFOC plug (female/no pin)
M	HMFOC jack (Pinned) stubless only

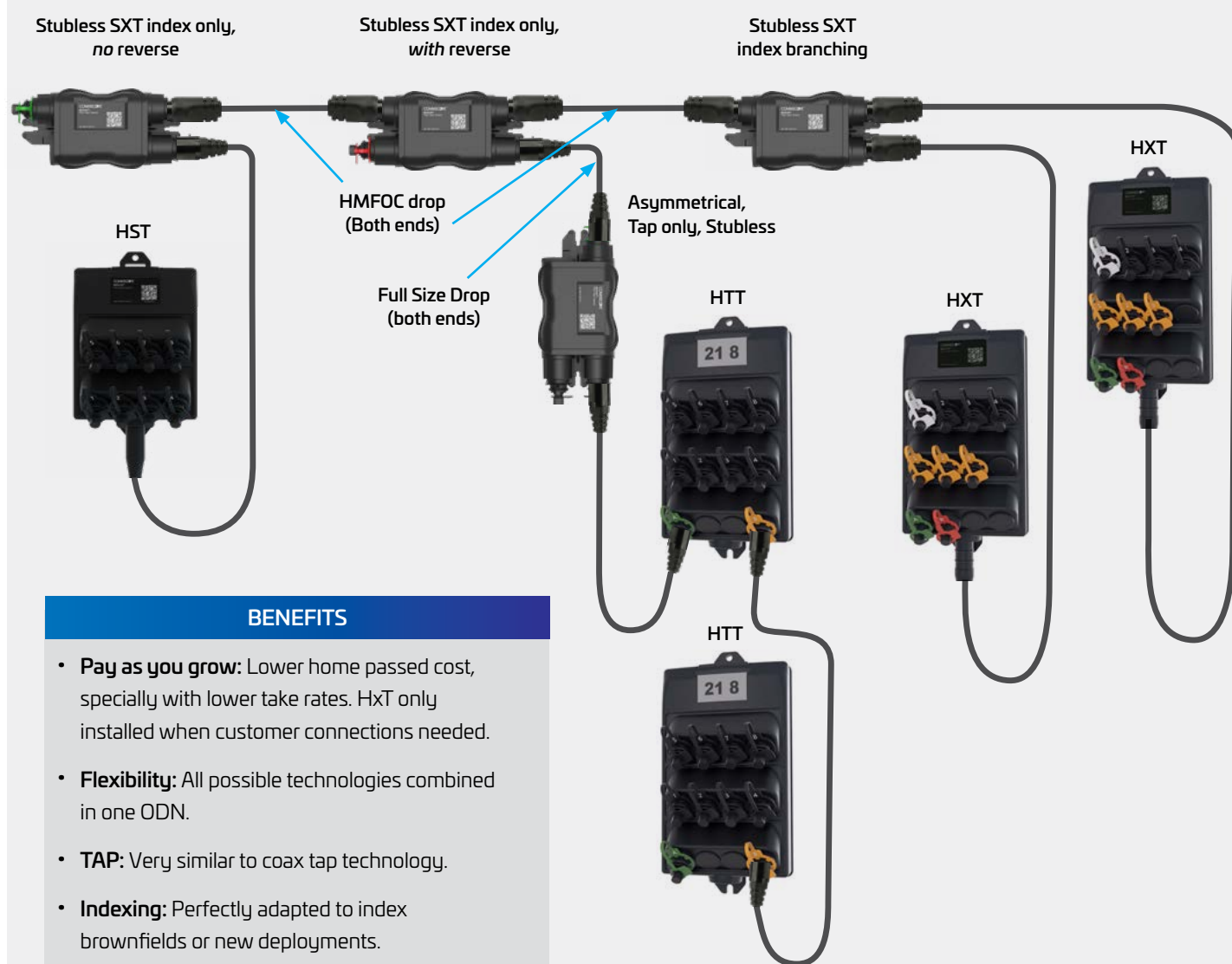## Cable length

0000	0 ft, 0 m
0020	20 ft, 6 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
0800	800 ft, 243 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

Additional cable lengths available
- From 50 to 1000 ft: in 50ft increments
- From 1000 to 2000 ft: in 100ft increments
- From 2000 to 3000 ft: in 250ft increments

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

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.

Stubless SXT index only, *no* reverse

Stubless SXT index only, *with* reverse

Stubless SXT index branching

HST

HMFOC drop (Both ends)

Full Size Drop (both ends)

Asymmetrical, Tap only, Stubless

HTT

21 8

HXT

HXT

HTT

21 8

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.
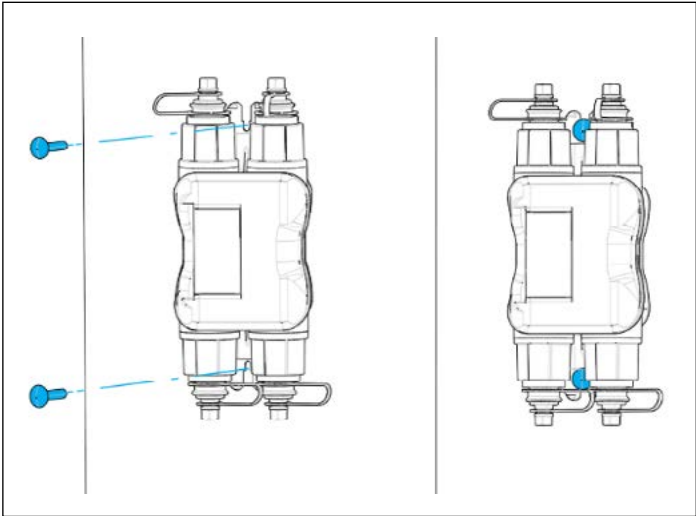
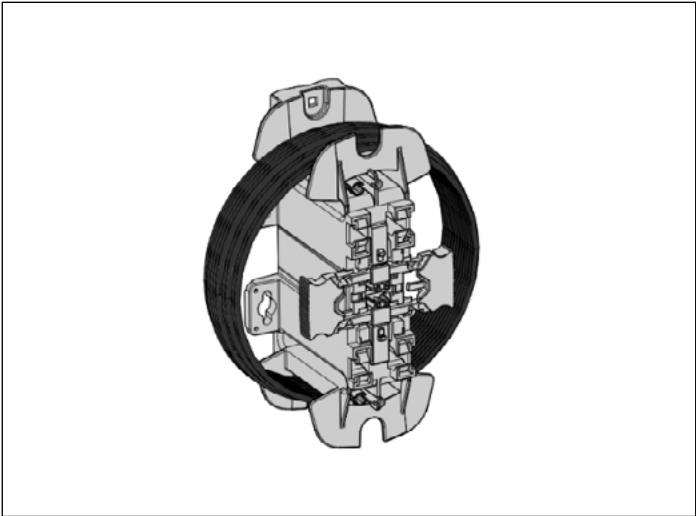- **Stubless:** Fewer SKUs on terminals.

Mounting options
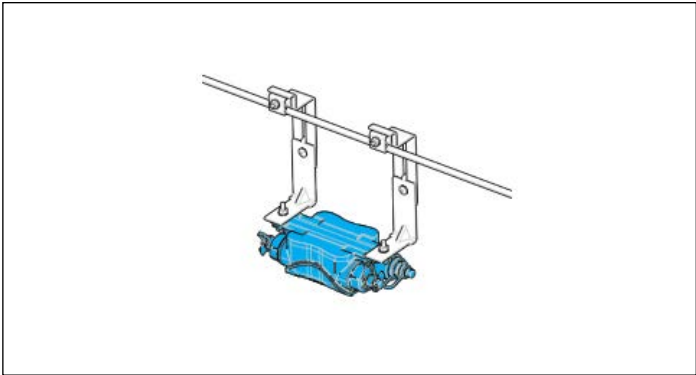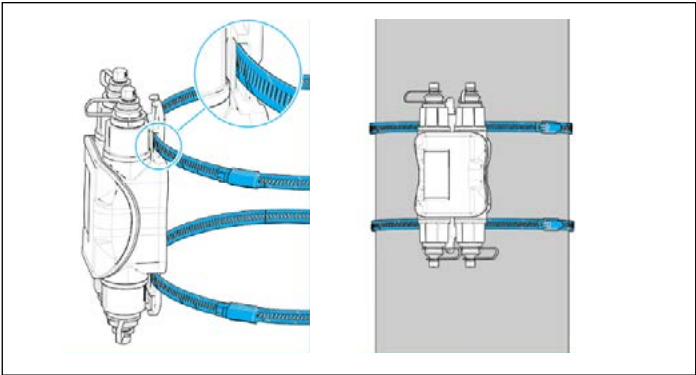
Strand mounting

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
0	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

STT- B 1 ☐☐☐ ☐☐☐☐ ☐☐ ☐☐☐

Adapter type

H	Full-size
A	Prodigy

Cable type

0	Stubless

TAP Configuration

A	30/70
B	45/55
C	60/40
D	70/30
E	80/20
F	85/15
G	90/10
H	93/7
K	95/5
L	97/3

Customization

000	Standard

Accessories

N	No accessories
S	Strand bracket

Input

H	Full-size
A	Prodigy

Cable length

0000	0 ft, 0 m

Specialty Indexing Terminal

SXT- B ☐☐☐☐ ☐☐☐☐ ☐☐ ☐☐☐

Number of ports

1	1 port
2	2 ports

Adapter type

H	Full-size
A	Prodigy
M	HMFOC jack

Configuration index

A	Index only
B	12f index only with Reverse
C	12f branching 2f
D	12f branching 3f
E	12f branching 4f
F	12f branching 5f
G	12f branching 6f
H	2f PtP Drop, 10f Thru
J	1:2 Splitter 2f Drop, 11 Thru

Cable type

A	Flat dielectric
B	Flat toneable
0	Stubless

Cable length

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

Customization

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

Accessories

N	No accessories
S	Strand bracket

Stub end

F	HMFOC plug (cable stub only)
M	HMFOC jack (Pinned) stubless only

Any application. Any configuration. One portfolio.

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.
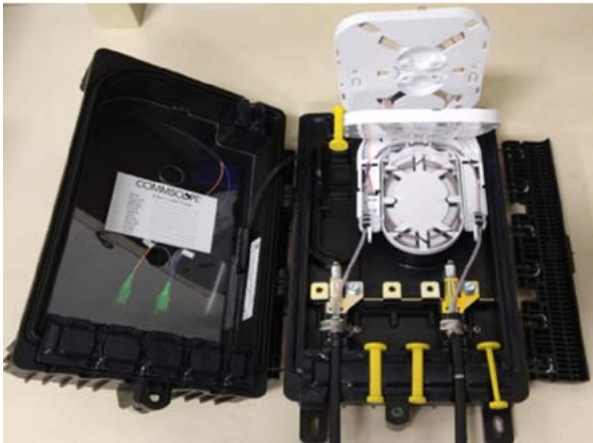
Mini-OTE (OTE-300)

· 2, 4, 6, 8, or 12 Ports

· Stub or In-Line application

· Available with Prodigy or Full-Size adapter

· No Splitter, Splitter or TAP configurations.

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 wavelenght 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

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

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

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)

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