

## Fiber Indexing Terminals Series: New Product

CommScope is pleased to announce the global availability of the fiber indexing terminal series which now includes a choice of either the 4x3 or the DLX terminal design. Fiber indexing is an innovative new FTTx technology by CommScope that enables network operators to address the challenges of last mile deployment. By combining daisy chaining architecture with pre-cabled hardened connectivity, fiber indexing reduces cabling requirements, eliminates field splicing and enables operators to respond quickly and efficiently to sudden changes in the market.

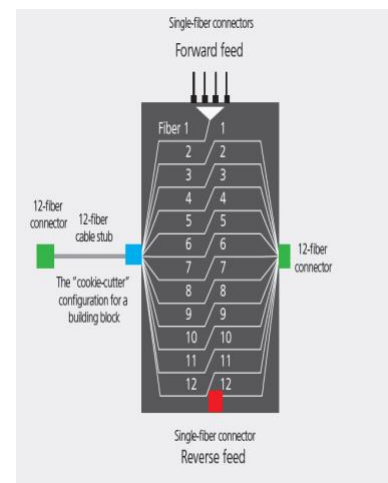


- **Do more with less:** Fiber indexing can save up to 70% percent in fiber and installation costs while enabling crews to connect more locations per day and reduce cable congestion in the network.
- **Minimize field error:** Factory-terminated, color-coded, plug-and-play connectors practically eliminate installer errors. The hardened system is environmentally protected, end-to-end, for a reliable long-term solution.
- **Defer costs and prepare for growth:** Fiber indexing enables operators to deploy the network backbone in stages, saving on CapEx while creating a future-ready framework that can connect subscribers and support new services as soon as market demand materializes.

### How it works

Fiber Indexing is the shifting of a fiber's position from one multi-fiber connector to another, within each terminal.

- The process begins with a 12-fiber cable from the fiber distribution hub (FDH) entering the first index terminal.
- Inside the terminal, the fibers divide and the signal from the fiber in the first position is routed to a 1:4 or 1:8 splitter for servicing local customers.
- The remaining fibers are "indexed"—advanced one position in the order—then combined using a 12-fiber Hardened Multi-Fiber Optical Connector (HMFOC).
- The exiting 12-fiber hardened cable connects to the next terminal where the indexing process is repeated.
- In a typical FTTx network, signals from the FDH travel "forward" from the first terminal to the last. When a second FDH cable is connected to the last terminal, the signal runs "backwards" toward the first terminal. Called "reversed feed," this technique makes additional fibers available, which providers can use to respond in a virtual instant to unforeseen demands for a wide range of revenue-generating services.



## Features and Benefits

- No splicing required in the terminal
- No terminal re-entry required
- 4x3 configurations available: fiber indexing (Fig.1), 1:4 or 1:8 integrated splitter (Fig. 2 and Fig. 3)
- Up to 12 terminals can be daisy-chained together, which can support up to 48 homes passed using 1:4 integrated splitters or up to 96 homes passed using 1:8 integrated splitters
- Connector ports colored and clearly labeled for fast installation
- Dielectric input stub cables
- Ships with universal mounting bracket (UMB) for pole, pedestal or hand-hole installations
- User-friendly packaging allows for easy unspooling
- Factory-sealed enclosure for environmental protection



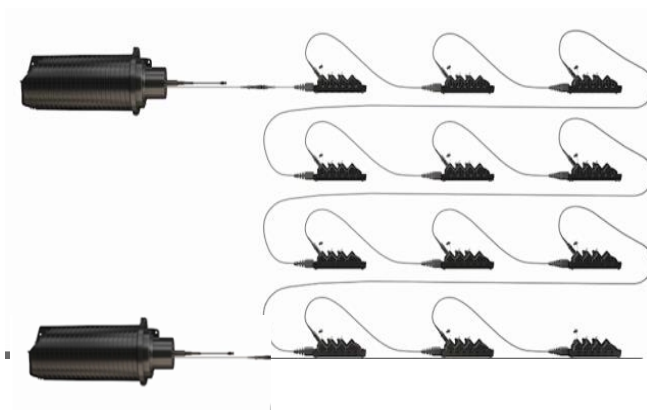
Fig. 1



Fig. 2



Fig. 3



Fiber Indexing Terminals  
Daisy-Chain Architecture



Ordering Information:

# NDX - - - - - F

**Terminal model**

06	1x4 splitter w/reverse
10	1x8 splitter w/reverse
D1	Index only, 1F w/reverse
B2	Branching, 2F (DLX)**
B3	Branching, 3F (DLX)**
B4	Branching, 4F (DLX)**
B5	Branching, 5F (DLX)**
B6	Branching, 6F (DLX)**

**Housing type**

B	DLX Indexing terminal
H	4x3 Indexing terminal

**Connector type housing**

T	DLX Adapters and 1 HMFOC
G	Full-size Adapters and 1 HMFOC
D	Index only, 1 HMFOC, 1 DLX, 1 DLX (reverse)
E	Index only, 1 HMFOC, 1 Full-size, 1 Full-size (reverse)
H	Branching, 2 HMFOC (only available for housing type 'B')**

**Standard cable length**

0010	10 feet	0500	500 feet
0050	50 feet	0600	600 feet
0100	100 feet	0750	750 feet
0150	150 feet	1000	1000 feet
0200	200 feet	1250	1250 feet
0250	250 feet	1500	1500 feet
0350	350 feet	1750	1750 feet
0450	450 feet	2000	2000 feet

**Cable type**

A	Buried dielectric -- flat
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**Mounting style\***

U	Universal (cable stub spool off reel first)
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**Tail end**

M0	HMFOC stub end
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\*0-99 FT length of cable is automatically coiled and packaged 2 units per box. Lengths greater than 99 Ft are spooled.

Accessories

MID	Description
NDX-POLE-BRKT	Latch Storage Bracket for Mini-MST/NDX Terminal
NDX-ADAPTER-BRKT	Adapter Bracket for 4X3 NDX Terminal (must use with pole bracket)

[Watch Fiber Indexing Video](#)

Please visit eCatalog at the link provided.

[http://www.commscope.com/catalog/cabinets\\_panels\\_enclosures/product.aspx?id=10&sort=null&nrp=null&ShowObsolete=false&filter=4774|85|0|](http://www.commscope.com/catalog/cabinets_panels_enclosures/product.aspx?id=10&sort=null&nrp=null&ShowObsolete=false&filter=4774|85|0|)

For installation instructions visit link here: [INSTALLATION INSTRUCTIONS](#)

Check out CommScope's complete fiber access terminals portfolio: [Fiber Access Terminals Portfolio](#)