Realizing smarter, faster fiber

CommScope's inside plant solutions are engineered for fast deployment, ease of connectivity, and offer all the all the crucial elements of fiber cable management to meet the challenges of today's high fiber counts networks.

Applications:

- Central offices
- Head ends
- Data centers
- Switching centers
- Cell sites
- Intra-building networks

NG4access ODF platform

CommScope's NG4access ODF platform addresses the cable management challenges of today's high density environments while balancing industry-leading fiber termination density with circuit accessibility. From minimizing your labor requirements, to faster deployment and delivery, the NG4access ODF was designed with innovation and accessibility in mind. With solutions such as CommScope's access trays, universal adapter packs, cabled modules, MPO and VAM modules, network operators can install fiber faster, easier and less expensively than ever before.

Value-Added Modules

The NG4access Value-Added Modules (VAMs) features an array of Monitor, Splitter, CWDM and DWDM devices. NG4access VAMs help enhance optical transport systems by providing flexible, easy to incorporate optical components into the network for increasing fiber capacity, troubleshooting, or distributing signals to multiple subscribers. Technician-friendly, they feature staggered adapter ports for easy connector access and identification without pinching or moving adjacent connections – minimizing unwanted disturbances to live services.

Rapid Fiber panel solutions

CommScope's Rapid Fiber panel utilizes an internal RapidReel fiber cable spool to deploy dual 12-fiber microcable – which means the cable is always the right length. The microcable terminates to an MPO, cabled module or single fiber breakout which enables a plug-and-play connection to the optical distribution frame. RapidReel cable spooling and MPO connector technology in a single panel not only relieves cable congestion but also simplifies the ordering and inventory of equipment.

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.

COMMSCOPE®

Realizing smarter, faster fiber networks

Innovations for the inside plant
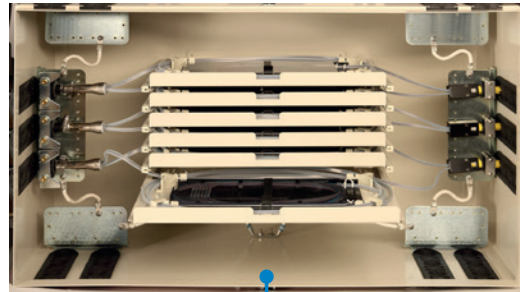
COMMSCOPE®

BR-110895-EN (02/17)

TO OUTSIDE PLANT

OPTICAL DISTRIBUTION FRAME

TO INSIDE PLANT

1

Fiber entrance cabinet

NG4access modules with preterminated IFC

CommScope's preterminated cabled modules are available with conventional IFC or 24-fiber micocable and enable fast connections between the ODF and FEC or outside plant equipment.

2

Cabled modules with preterminated IFC

3

Pigtail cabled modules

4

1.2mm fiber optic patch cords

Alleviates congestion while offering better handling and performance over traditional larger fiber.
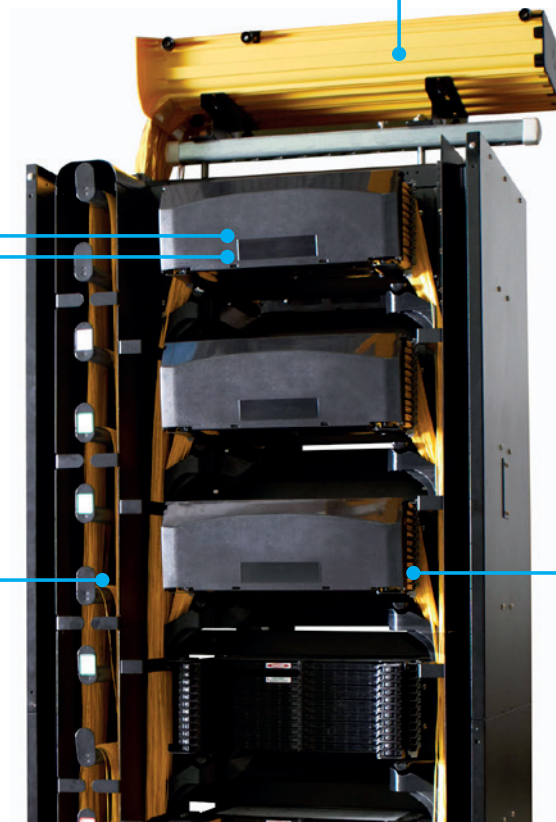
5

FiberGuide Raceway Flex Exit

Flex Exit ensures a precise fiber drop into the NG4access ODF or other high-density frame solution.

Allows 4, 6 or 12 inch drops and easily adjusts vertically, side-to-side and forward and back for precise alignment with the ODF.

6

NG4access ODF

NG4access ODF offers superior access to all front and rear connections with no congestion. Supports up to 3,456 LC's with full compliance to GR-449 Issue 3. Craft-friendly components results in fast connections with fewer errors.

Rapid fiber solutions

CommScope's Rapid Fiber panels incorporate the latest panel, cable and connector technologies to help drive down installation costs by as much as 25%. Panels offer plug-and-play connectivity with the NG4access ODF for fast service turn-ups.
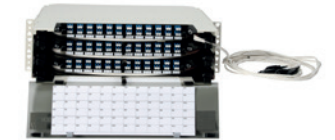
7

Rapid Fiber panel with cable modules

8

Rapid Fiber panel with MPO

9

Rapid Fiber panel with single fiber breakouts

NG4access modules & adapter packs

CommScope's cabled modules, MPO and VAM modules, and universal adapter packs help speed installation and maintenance requirements for large volumes of fiber.

10 **11** **12** **13** **14** **15**

10. VAM modules

11. 1x32 splitter

12. MPO modules

13. Cabled modules with breakouts

14. Pigtail cabled modules

15. LC or SC adapter packs