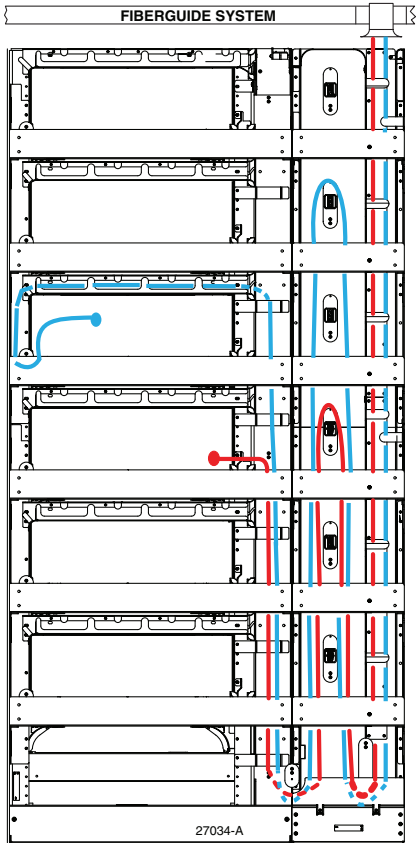


## NG4access ODF Platform Rear Side Routing Guide for Integrated Frame

TC-96285-IP • Rev A • February 2020



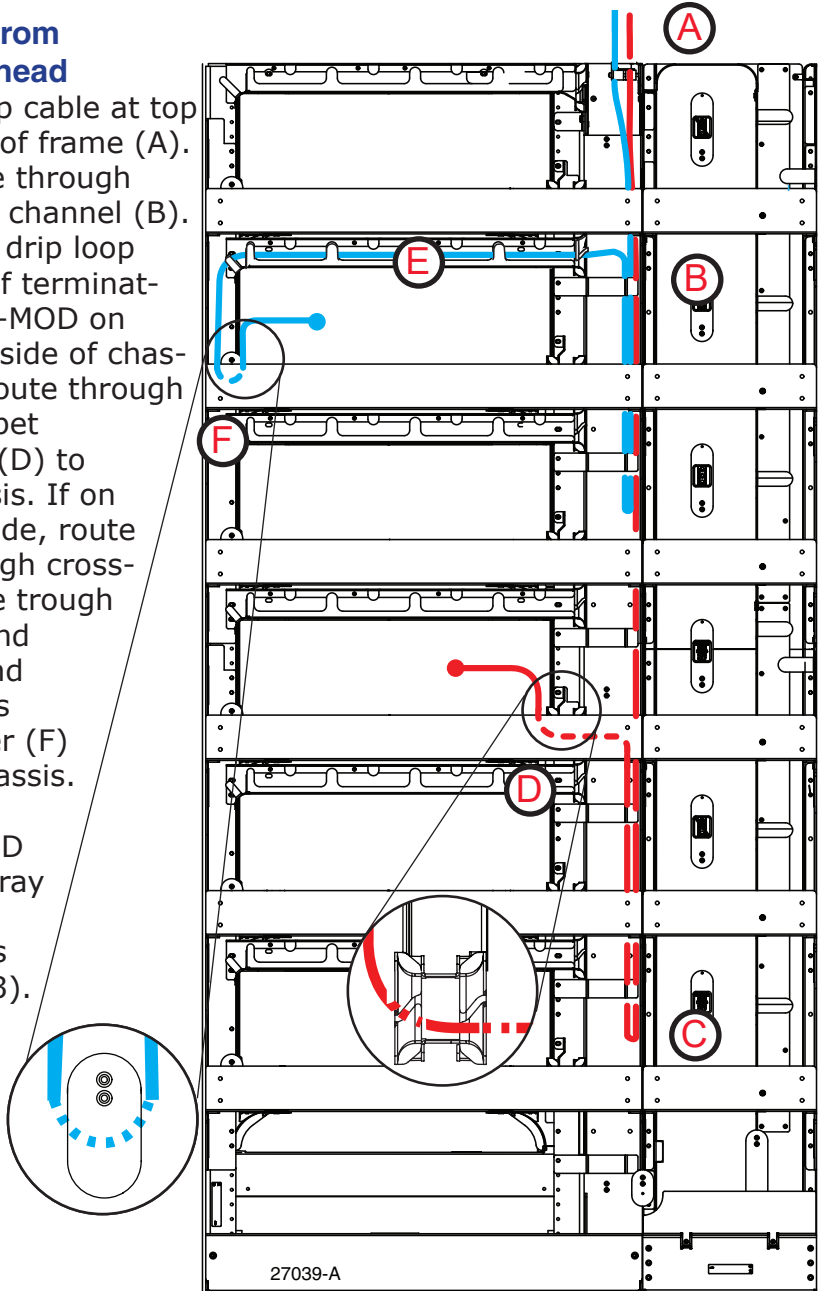
### Table of Contents

- IFC From Overhead ..... 2
- IFC From Under Floor ..... 3
- NG4 C-MODs With 120-Inch Breakout ..... 4
- 864 NG4 C-MODs With 76-Inch Breakout ..... 5
- IFC Fanout Cables With 60-Inch Breakout ..... 6
- FOT Patch Cord from Overhead (Preferred Routing)..... 7
- OSP/IFC to Splice Chassis (Overhead)..... 8
- OSP/IFC to Splice Chassis (Under Floor)..... 9
- Pigtail C-MOD to Splice Chassis.....10
- Installing Adapter Packs .....11
- Installing a C-MOD, VAM, or MPO-Module Into Access Tray... 12
- Routing Cables from Access Tray .....13
- Customer Information ..... 14

**CommScope Technical Assistance**  
<http://www.commscope.com/SupportCenter>

## IFC From Overhead

Clamp cable at top right of frame (A). Route through outer channel (B). Form drip loop (C). If terminating C-MOD on right side of chassis, route through trumpet flare (D) to chassis. If on left side, route through cross-frame trough (E) and around radius limiter (F) to chassis. Snap C-MOD into tray (see pages 12-13).

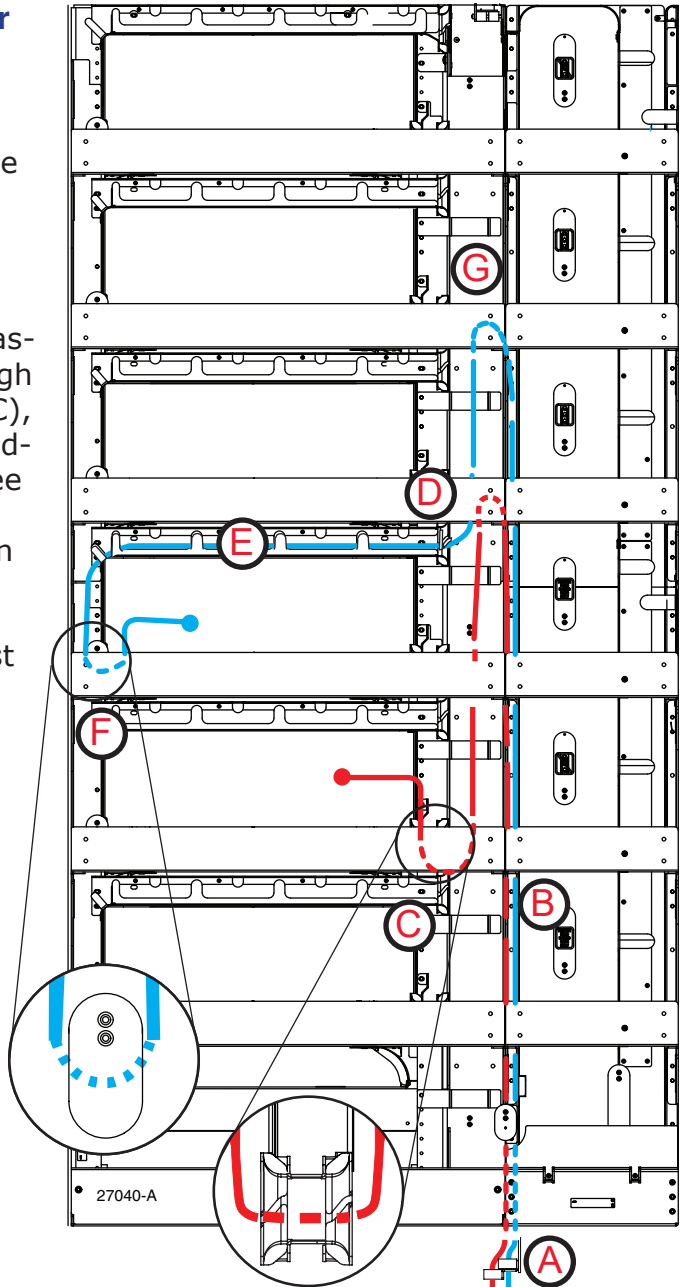


## IFC From Under Floor

Clamp cable at bottom right of frame (A). Route cable sub-unit through outer channel (B). If terminating on right side of chassis, route through trumpet flare (C), snap cabled module into tray (see page 12).

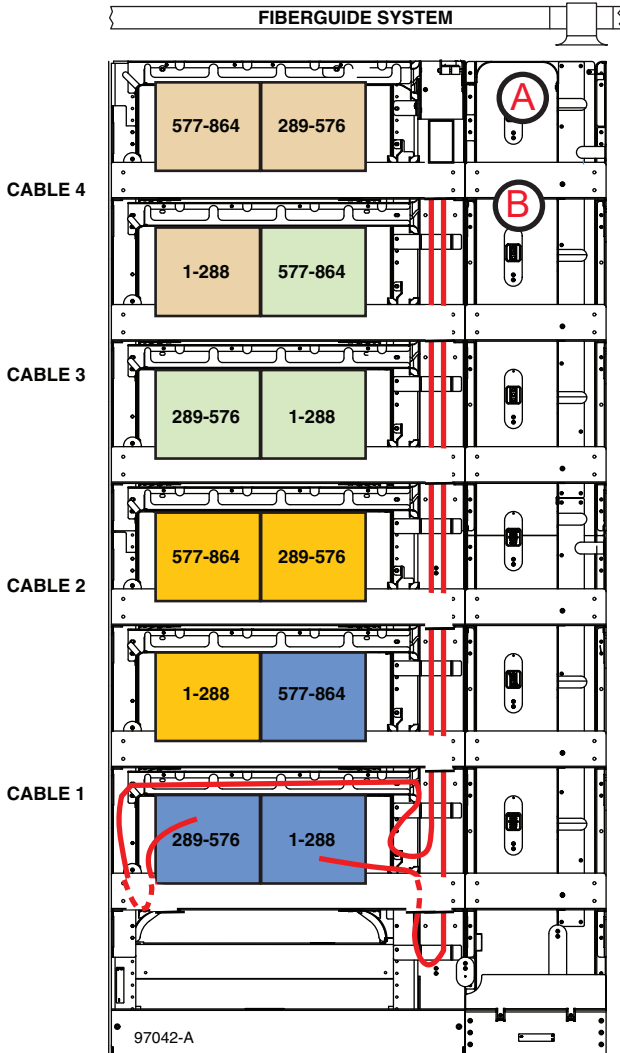
Take up slack on appropriate spool\* (D). (\*Spool kit must be ordered separately.)

If on left side, route through crossframe trough (E), around radius limiter (F); snap C-MOD into tray (see pages 12-13). Take up slack on highest spool within reach (G).



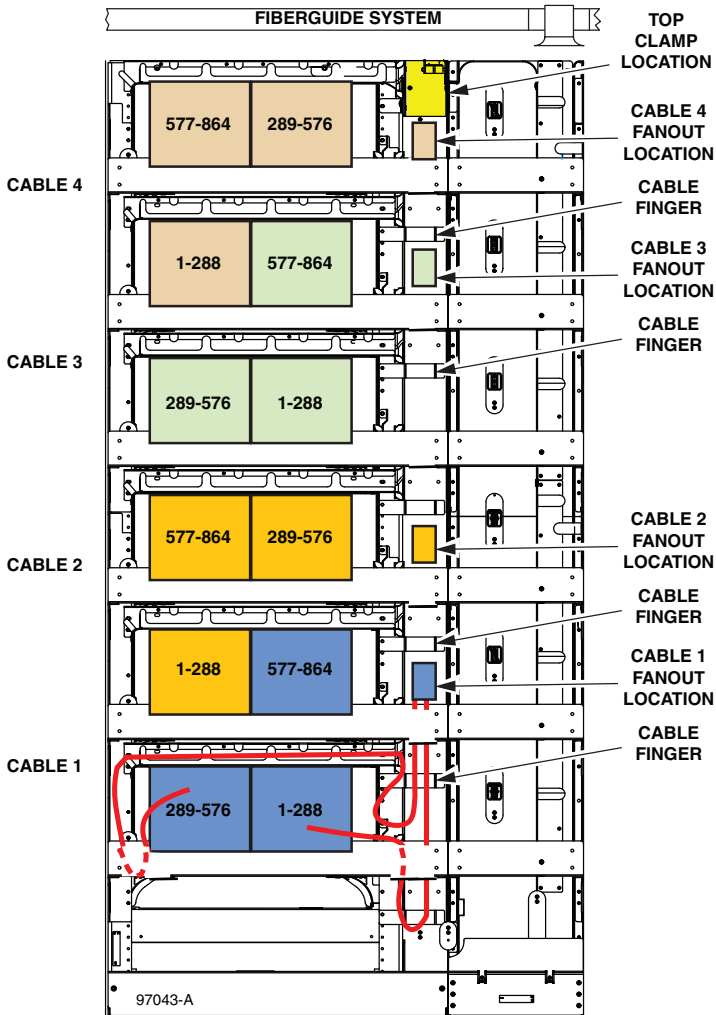
## 864 NG4 C-MODs With 120-Inch Breakout

All cables are clamped at the top (A) and all fanouts are positioned near the top of the frame (B). 120-inch breakout is from the fanout to the C-MOD. For IFC from Under the Floor option, the fanouts would be located near the lowest chassis location.



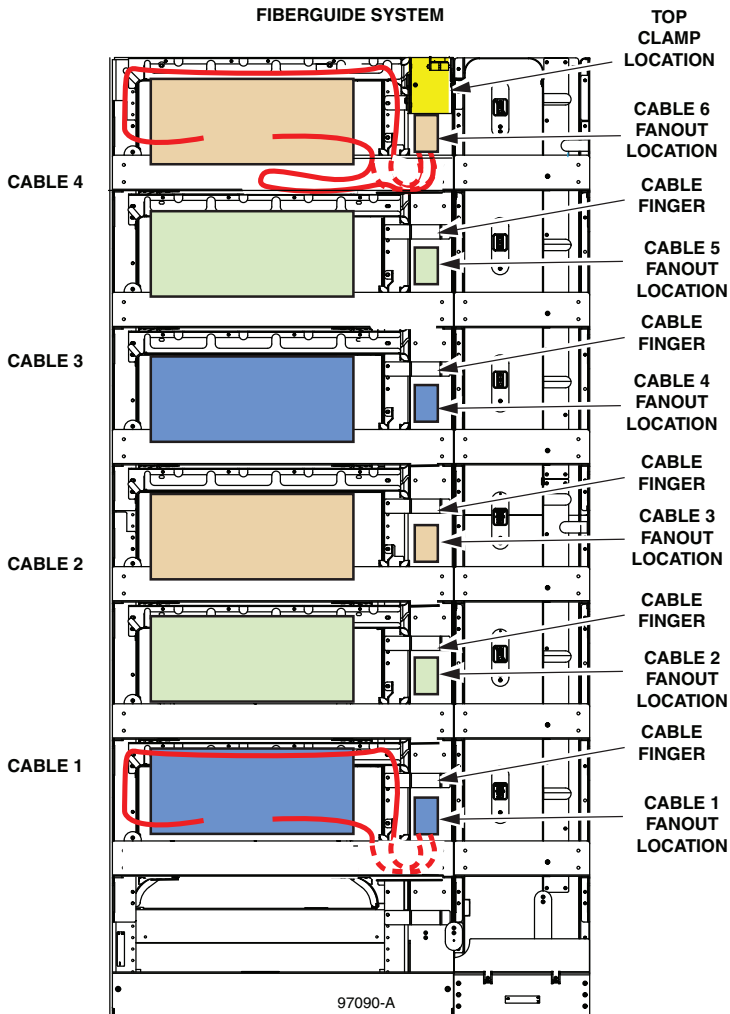
## 864 NG4 C-MODs With 76-Inch Breakout

All cables are clamped at the top and the fanouts are staggered down the frame and positioned as close as possible to the chassis being routed to. For IFC from Under the Floor option, move fanouts down one chassis from what is shown below.



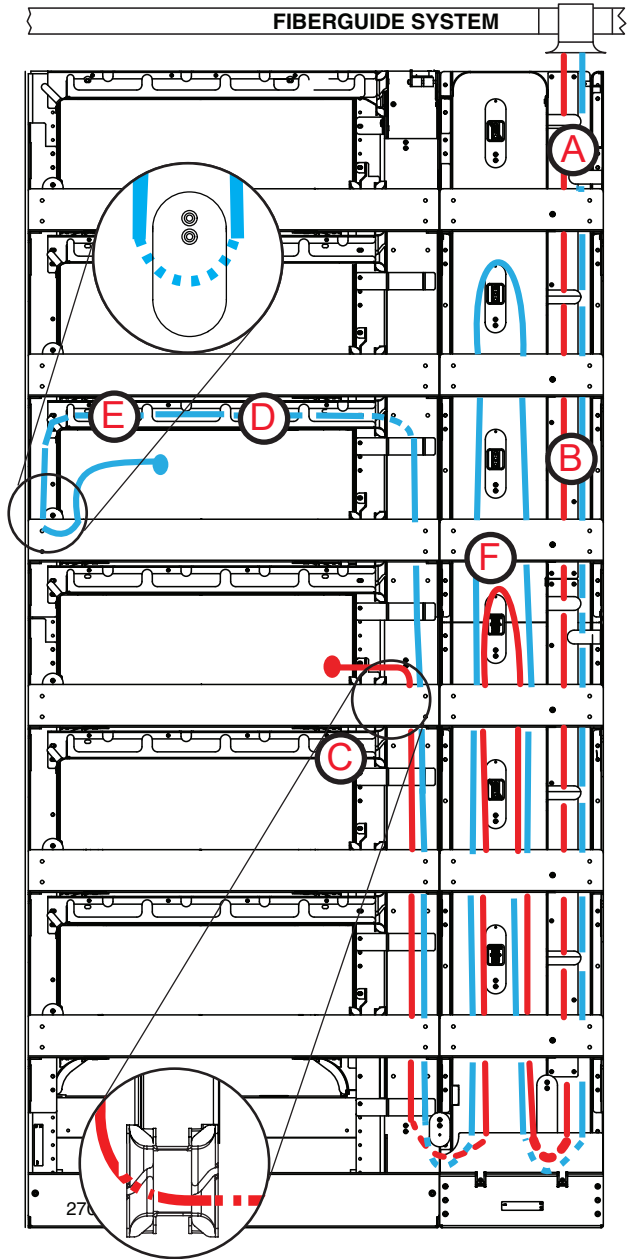
## IFC Fanout Cables With 60-Inch Breakout

All cables are clamped at the top and the fanouts are staggered down the frame and positioned as close as possible to the chassis being routed to. For IFC from Under the Floor option, move fanouts down one chassis from what is shown below.



## FOT Patch Cord From Overhead,

Route patch cord from FiberGuide into FOTSP channel (A). Route down FOTSP channel (B). If terminating cable on right side of chassis, route cable through trumpet flare (C) to chassis. If on left side, route cable through crossframe trough (D), around radius limiter and into chassis (E). Plug connector into adapter port (see pages 11, 13). Hang slack over FOTSP spool (F).

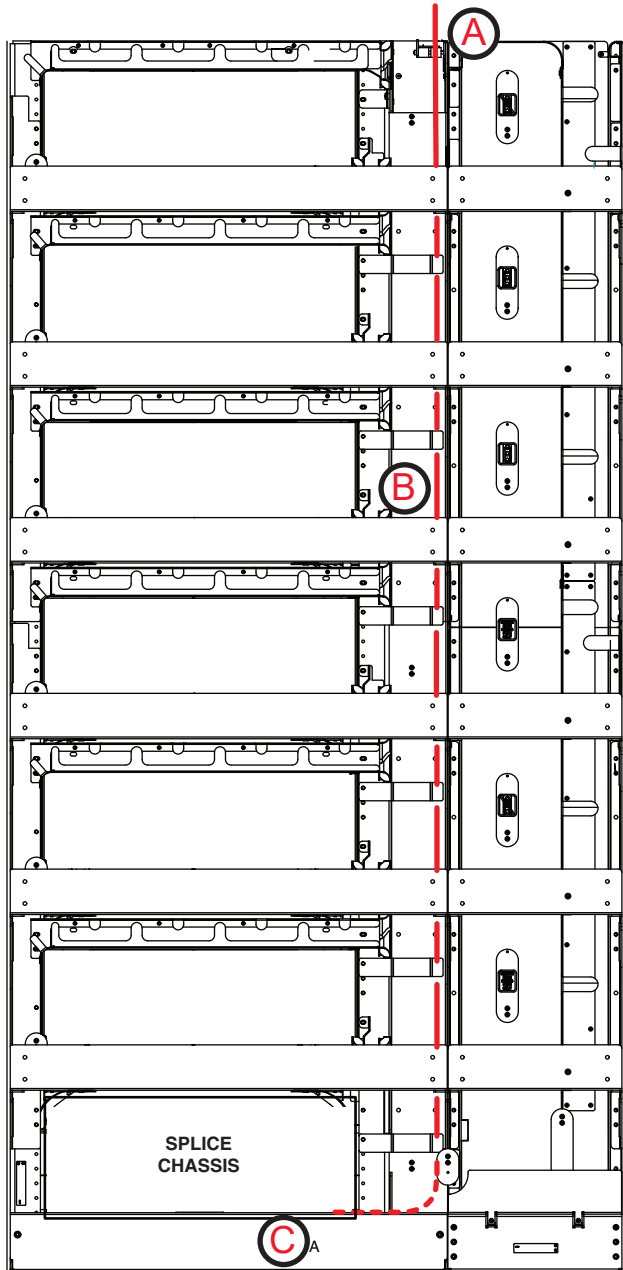


## OSP/IFC to Splice Chassis From Overhead

Clamp cable at top right of frame (A) using standard clamp.

Route through outer channel (B) to area below splice chassis (C).

For splice chassis detail, refer to TECP-90-704.





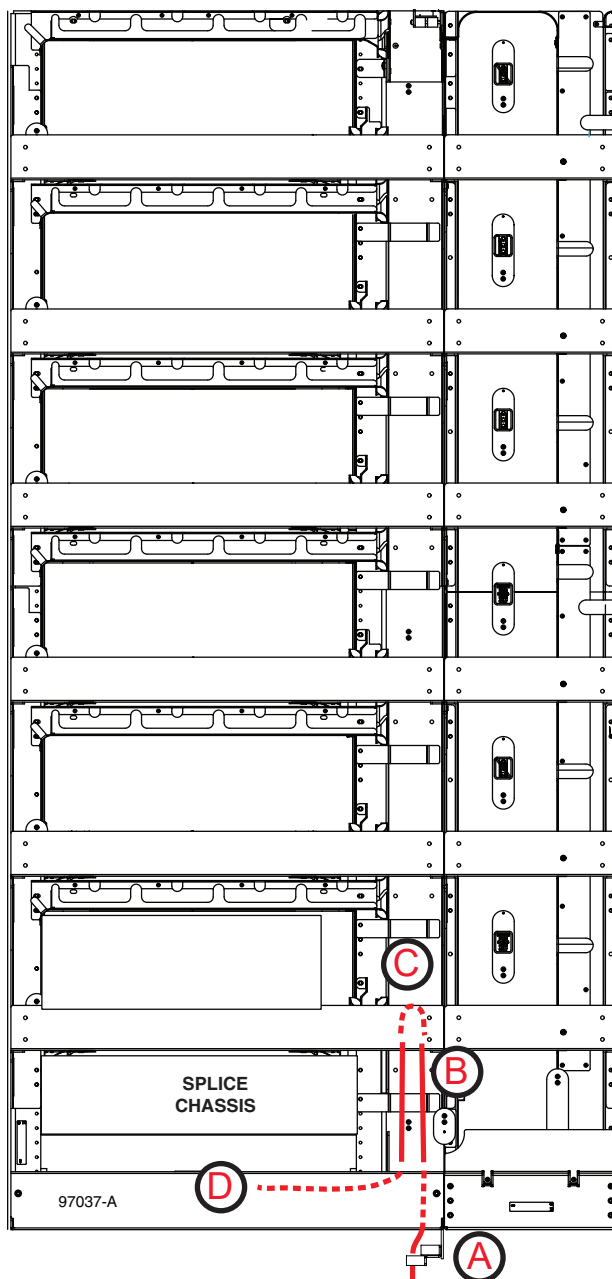
## OSP/IFC to Splice Chassis From Under Floor

Clamp cable at bottom right using under-floor clamp (A).

Route through outer channel (B) around spool (C).

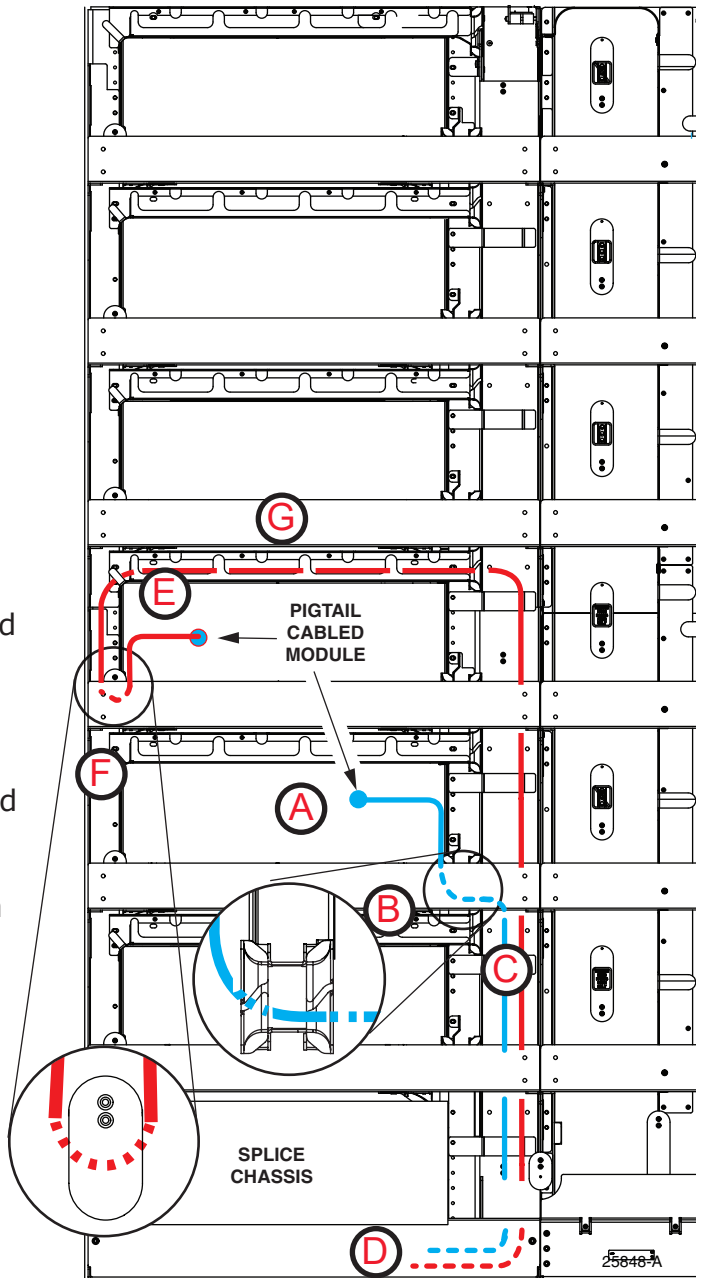
Route cable to area below splice chassis (D).

For splice chassis details, refer to TECP-90-704.



## Pigtail C-MOD to Splice Chassis

If installing pigtail C-MOD on right side of frame (A), route cable through trumpet flare (B) and down through inner channel (C) to area below splice chassis (D). If on left side (E), route cable down and around radius limiter (F), through crossframe trough (G), and then through inner channel (C) to area below splice chassis (D). For instructions on installing C-MOD, see pages 12-13.

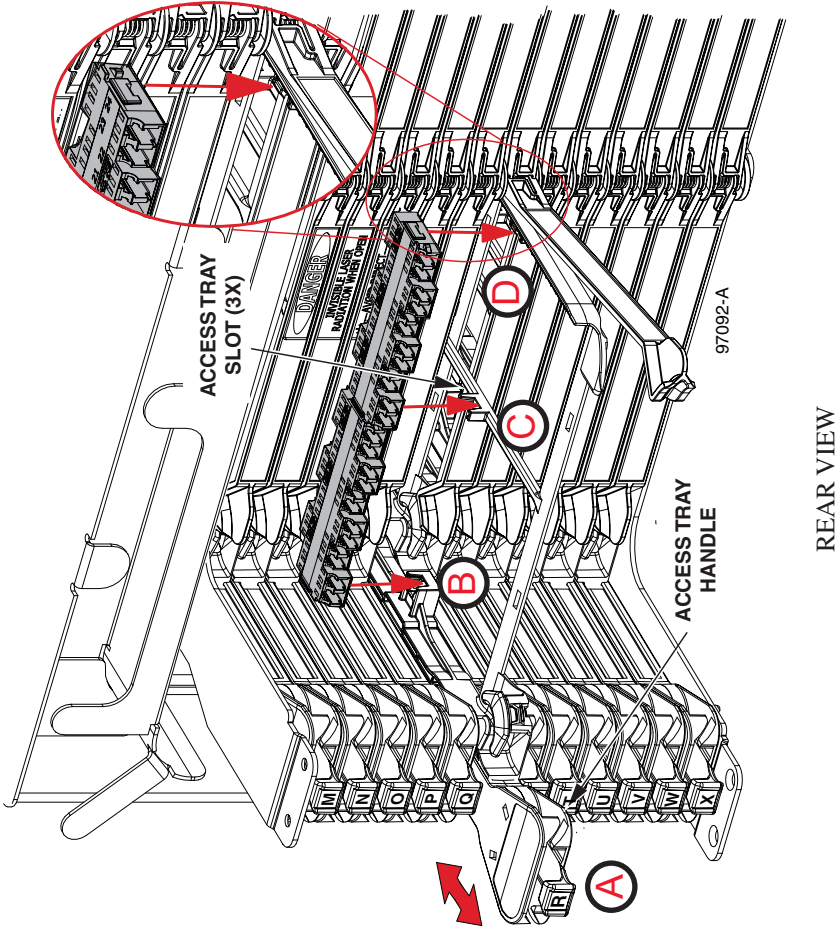


## Installing Adapter Packs

Adapter packs can be installed from either front or rear of the chassis. If installing from the rear: Pull out the access tray handle (A) to access the tray. Position the adapter pack tabs on the access tray slots in locations (B), (C), and D). Press the tabs into the slots until a definite click is heard or felt. Push in access tray handle to close the access tray.

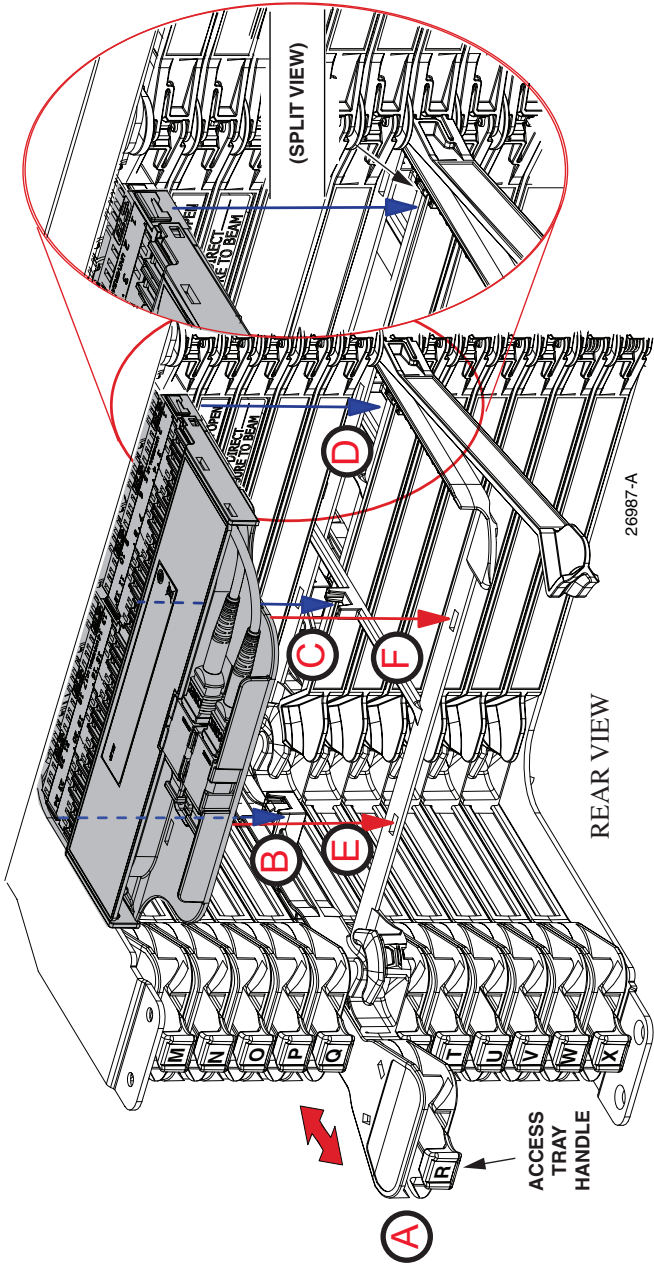
**NOTE:** Orient adapter packs with company logo and numbering facing toward front of frame.

Flip these pages clockwise to view them horizontally.



### Installing a C-MOD, VAM, or MPO Module

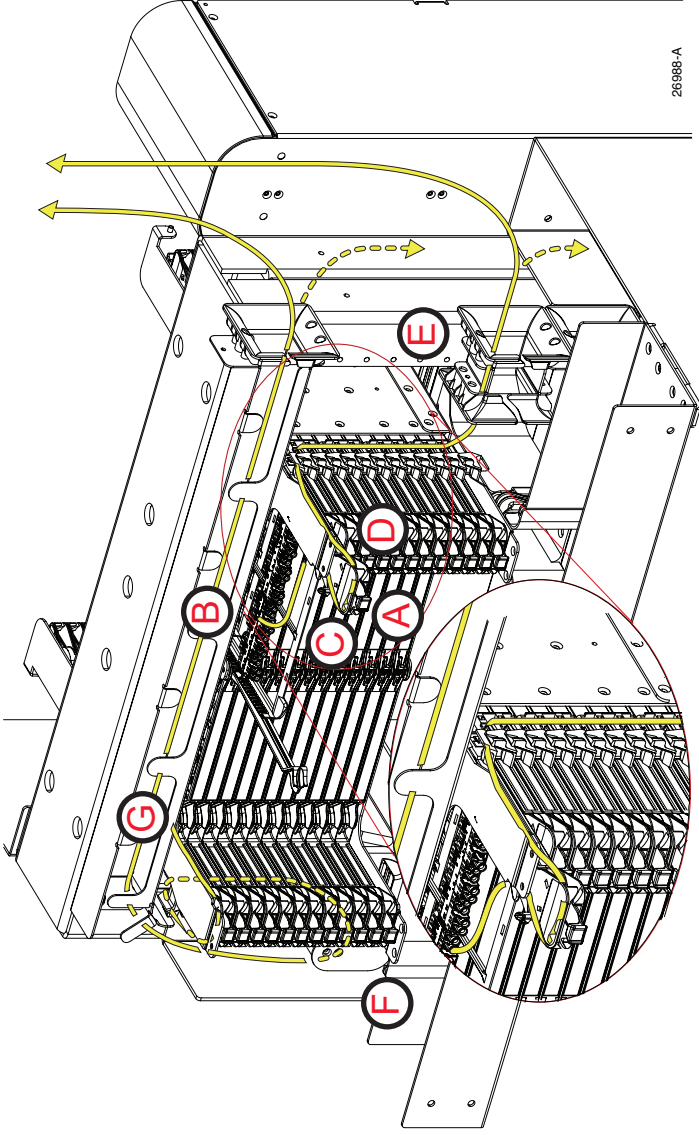
Open rear cover if present (not shown). Pull out access tray handle (A). Snap module into tray noting the five snap-in points (B), (C), (D), (E), and (F) called out below. Route fibers as shown on Page 13. Push in access tray handle. Close rear cover if present.



Flip this page clockwise to view it horizontally.

## Routing Cables From Access Tray

Pull out access tray handle (A).  
 Connect patch cord to adapter (B).  
 Place patch cord within tray cable guide (C).  
 Place patch cord around end of arm guide (D).  
 Push in access tray handle to close tray. On right side of frame, route cable through cable trumpet flare (E) into vertical cable guides and down through trough.



On left side of frame, route cable under radius limiter (F) and then up and into crossframe trough (G). When done, close cover if present (not shown).

### **Product Information**

To find out more about CommScope products, visit us on the web at:  
<http://www.commscope.com>

### **Customer Support**

For technical assistance, customer service, and to report any missing or damaged parts, visit:  
<http://www.commscope.com/Support Center>

### **Product Patents**

For information on CommScope patents and pending patents, visit:  
<http://www.cs-pat.com>

### **Technical Publications**

Request related publications using:  
<http://www.commscope.com/Support Center>

### **NG4access QR Code**



**Access this QR code with a smart phone to view videos of procedures.**

# COMMScope®