

NG4access ODF Platform Rear Side Routing Guide for NG4-FR1000C1 Frame

TECP-90-723 • Rev D • February 2020

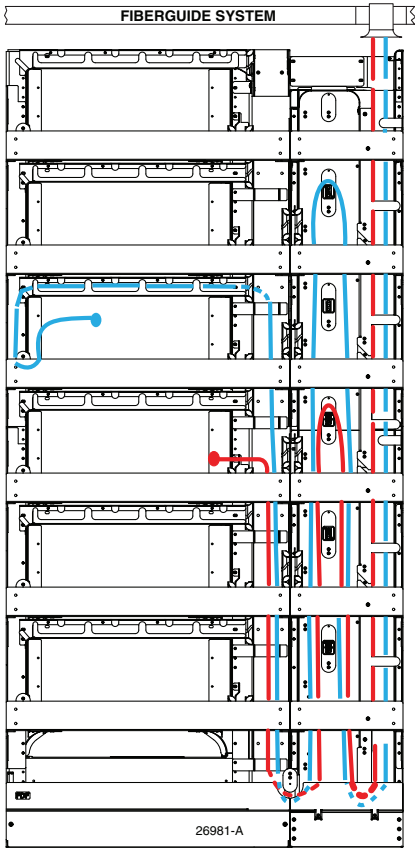


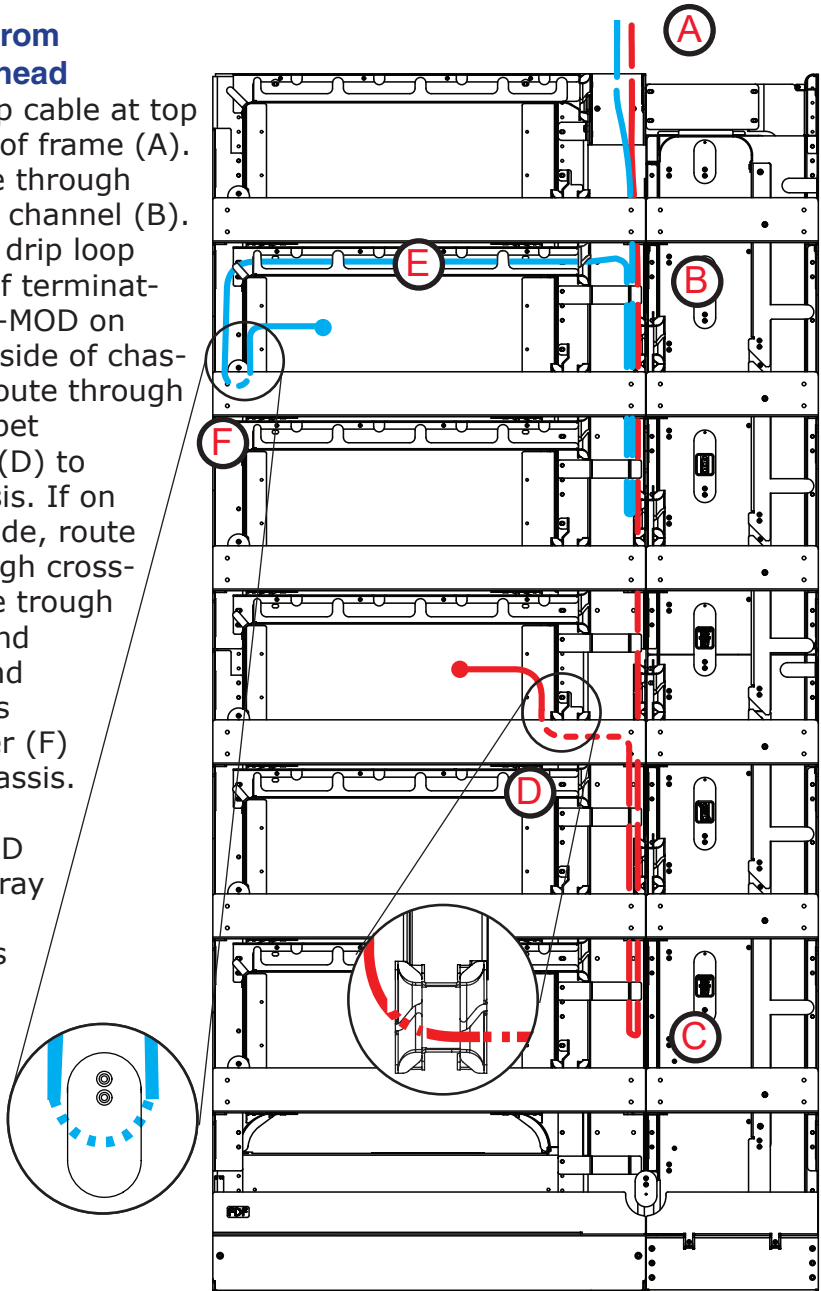
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IFC From Overhead

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 13-14).



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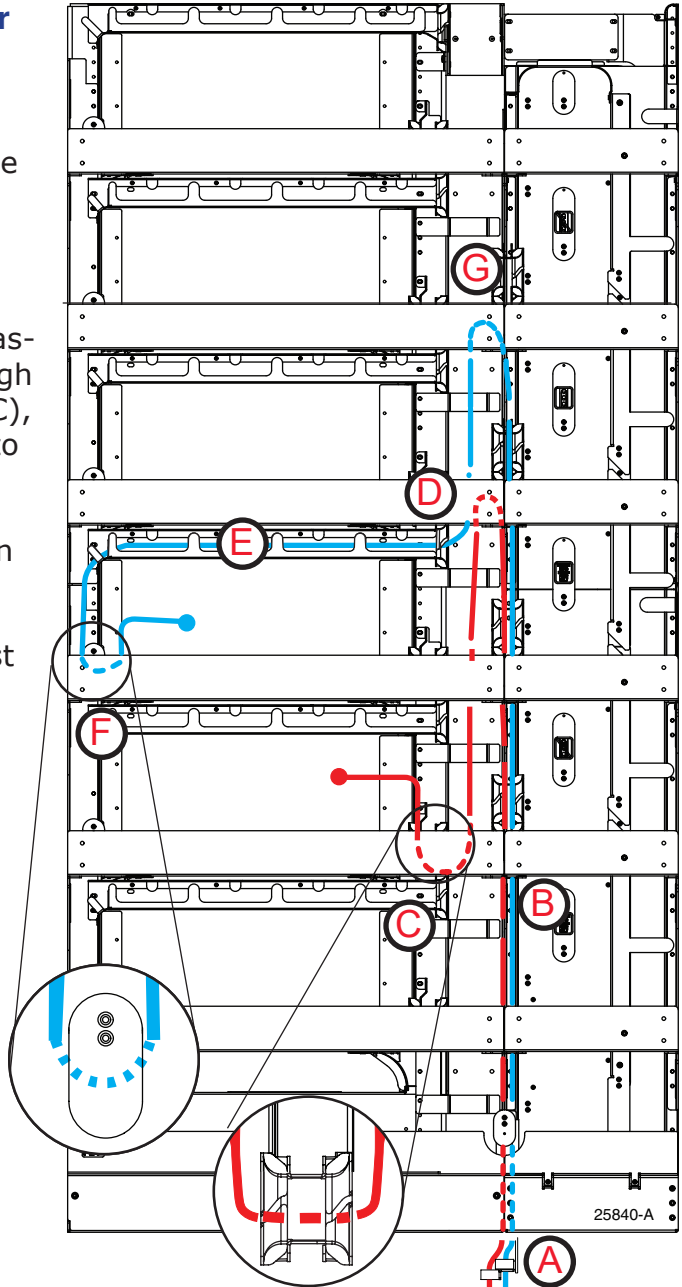
IFC From Under Floor

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 C-MOD into tray (see pages 13-14).

Take up slack on appropriate spool* (D).

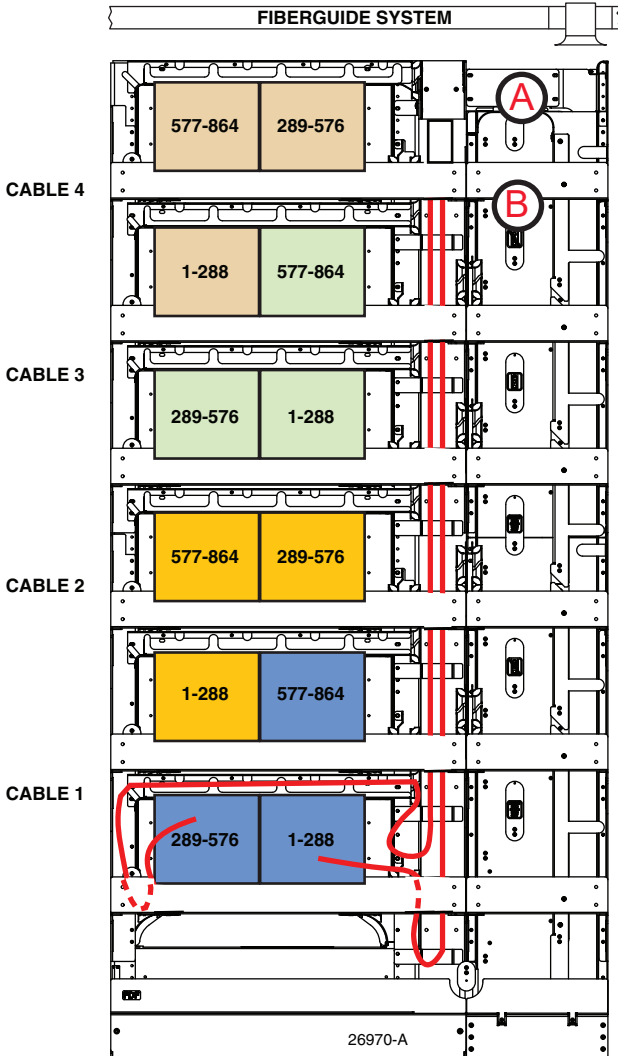
(*Spool kit must be ordered separately.) If on left side, route through crossframe trough (E), around radius limiter (F);

snap cabled module into tray (see pages 13-14). Take up slack on highest spool within reach (G).



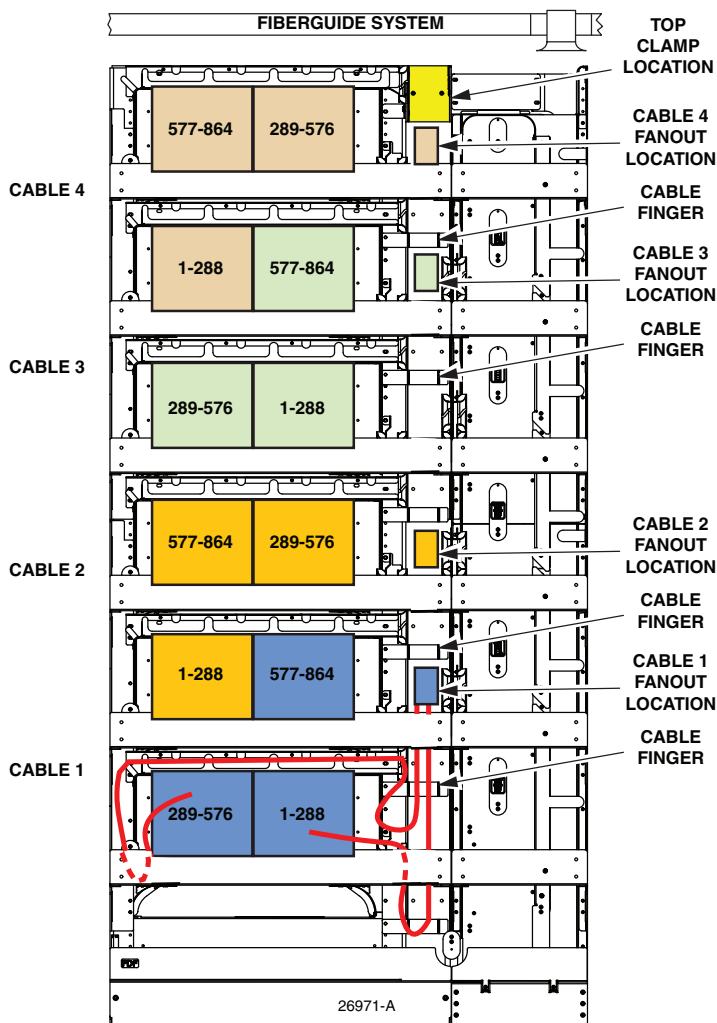
864 NG4 C-MODs With 120-Inch Breakout

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.



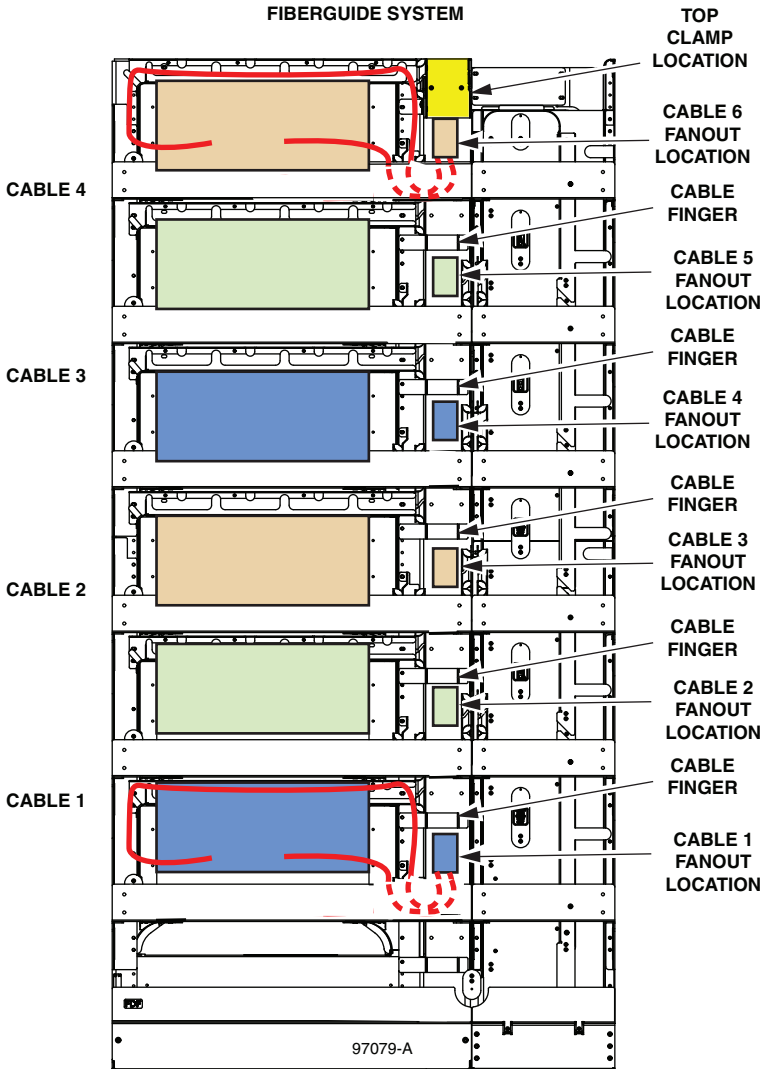
864 NG4 C-MODs With 76-Inch Breakout

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.



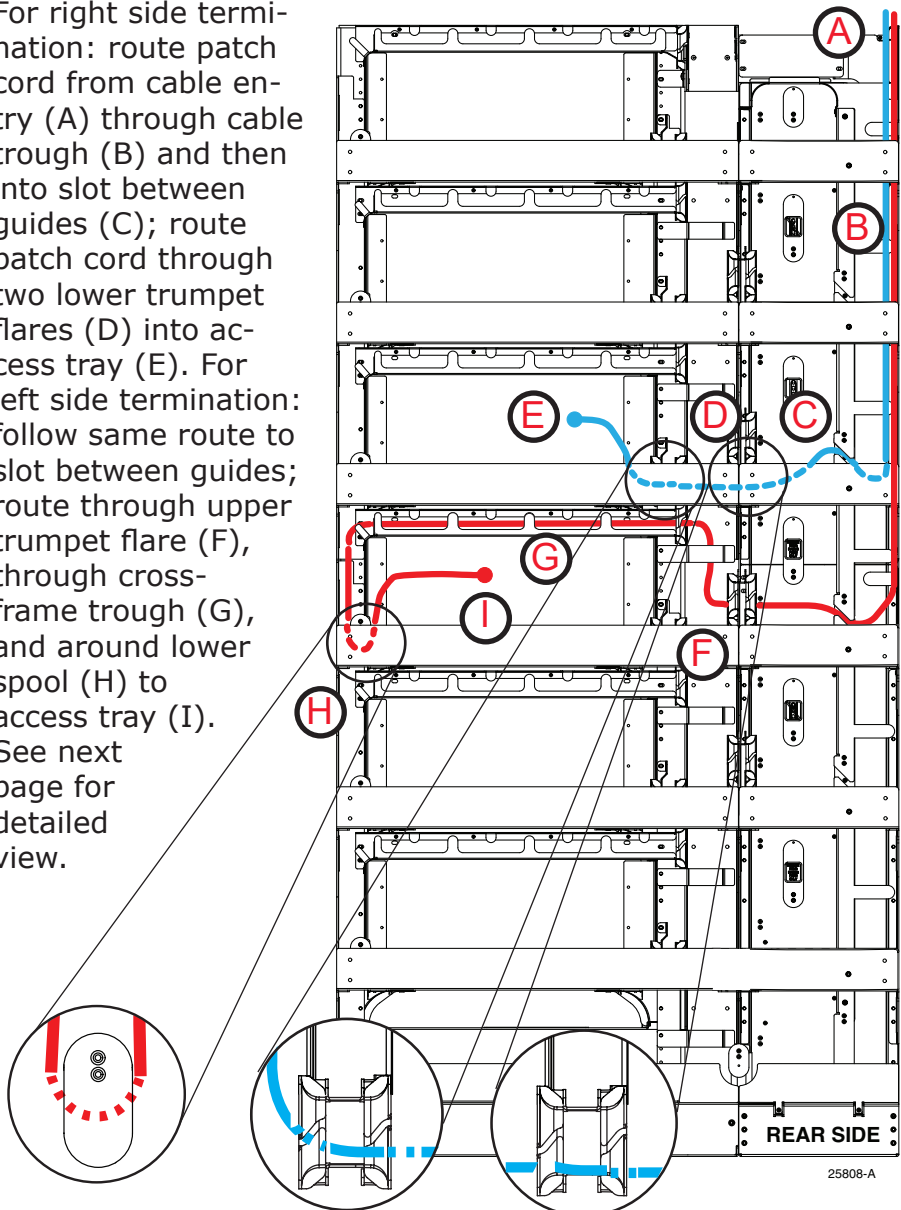
IFC Fanout Cables With 60-Inch Breakout

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



Interconnect Application Using Slots (Optional)

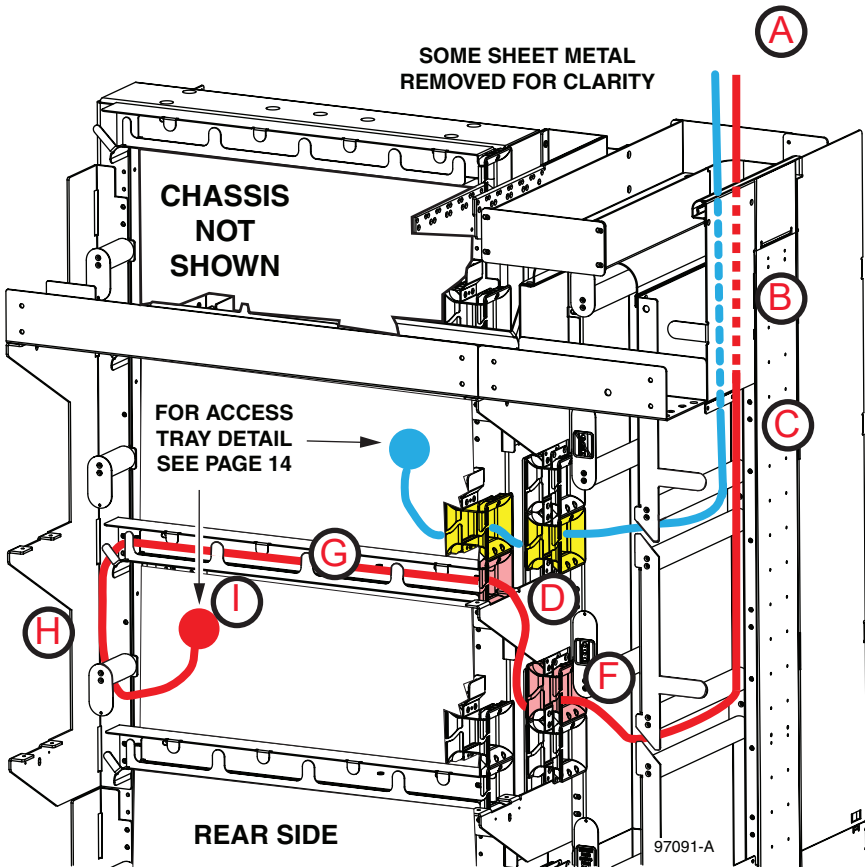
For right side termination: route patch cord from cable entry (A) through cable trough (B) and then into slot between guides (C); route patch cord through two lower trumpet flares (D) into access tray (E). For left side termination: follow same route to slot between guides; route through upper trumpet flare (F), through cross-frame trough (G), and around lower spool (H) to access tray (I). See next page for detailed view.



Using Slots (Optional), Detailed View

For patch cords terminated on right side of chassis: Route patch cord from cable entry (A) through cable trough (B) and then into slot between guides (C). Route patch cord through two lower trumpet flares (D) into access tray (E).

For left side termination: follow same route through cable trough to slot between guides. Route patch cord through upper trumpet flare (F), through cross-frame trough (G), and around lower spool (H) to access tray (I).

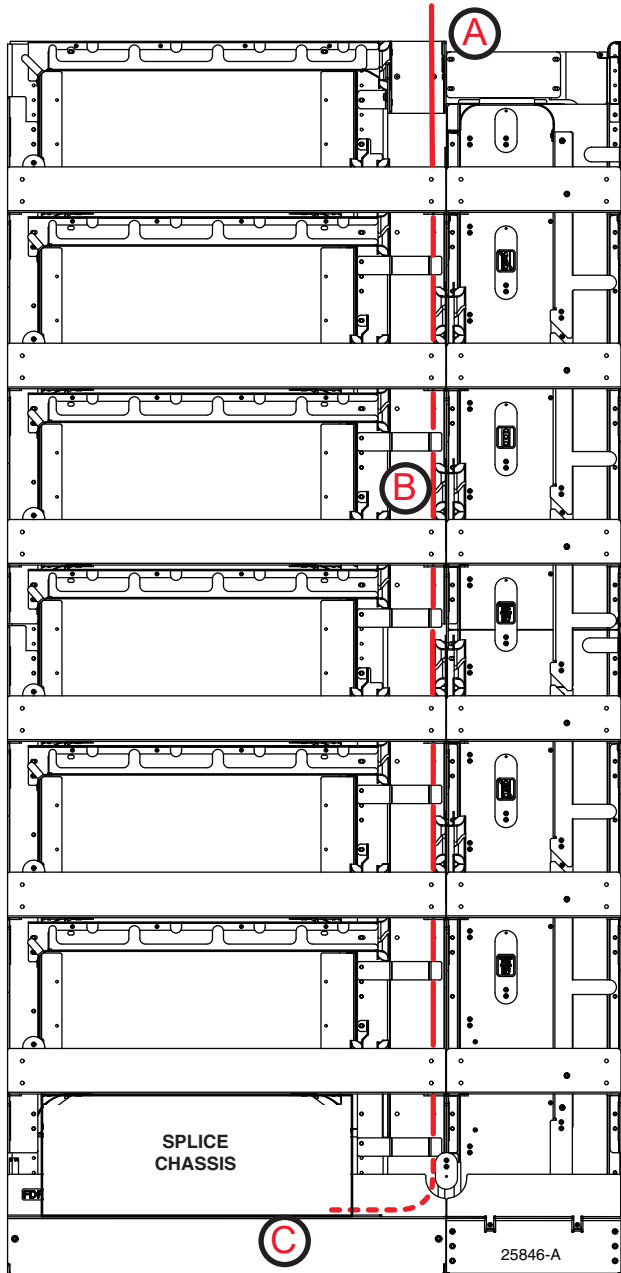


OSP/IFC to Splice Chassis From Overhead

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.



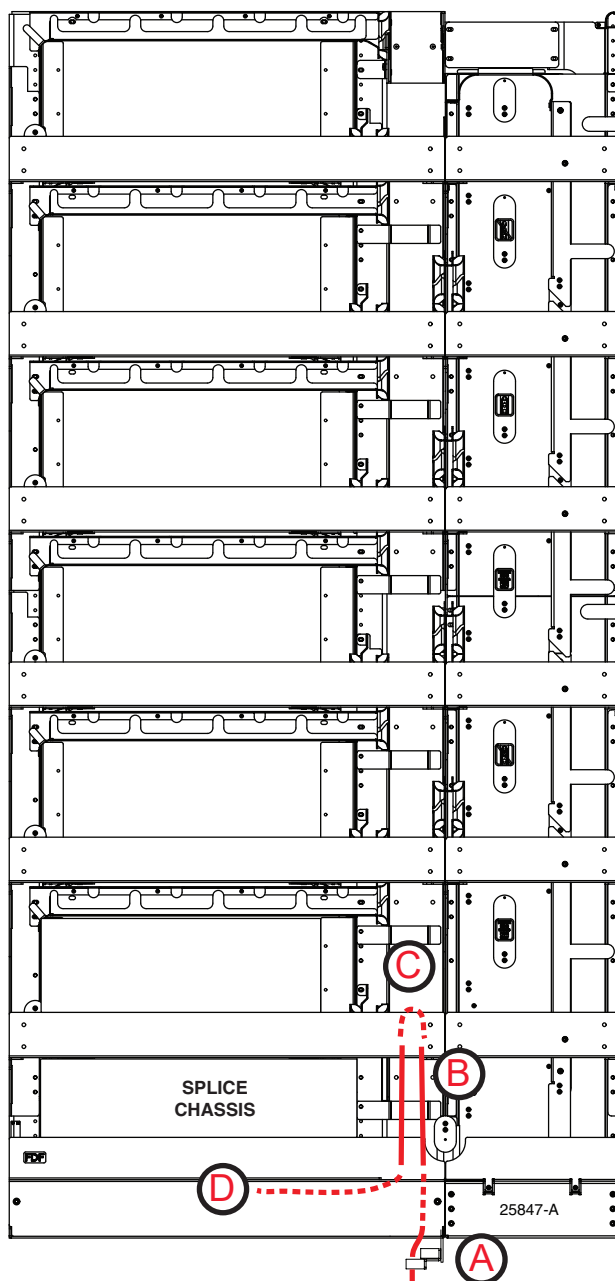
OSP/IFC to Splice Chassis From Under Floor

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

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

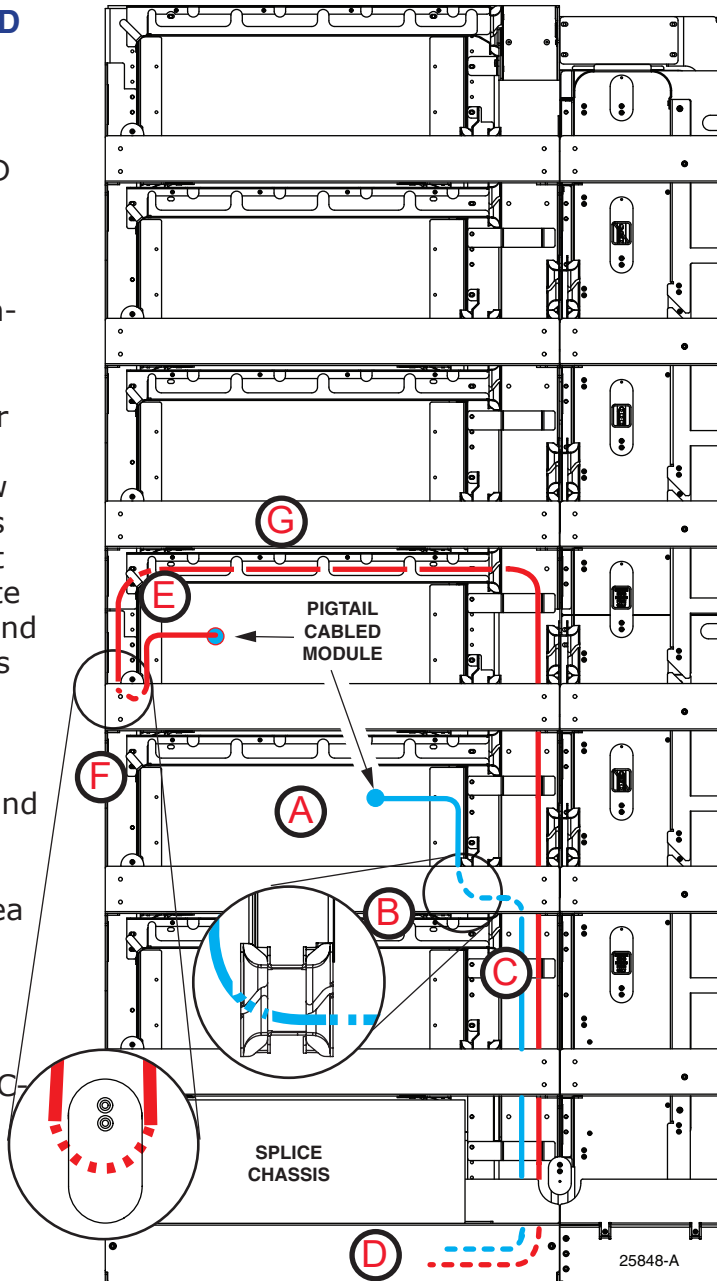
Route cable to area below splice chassis (D).

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



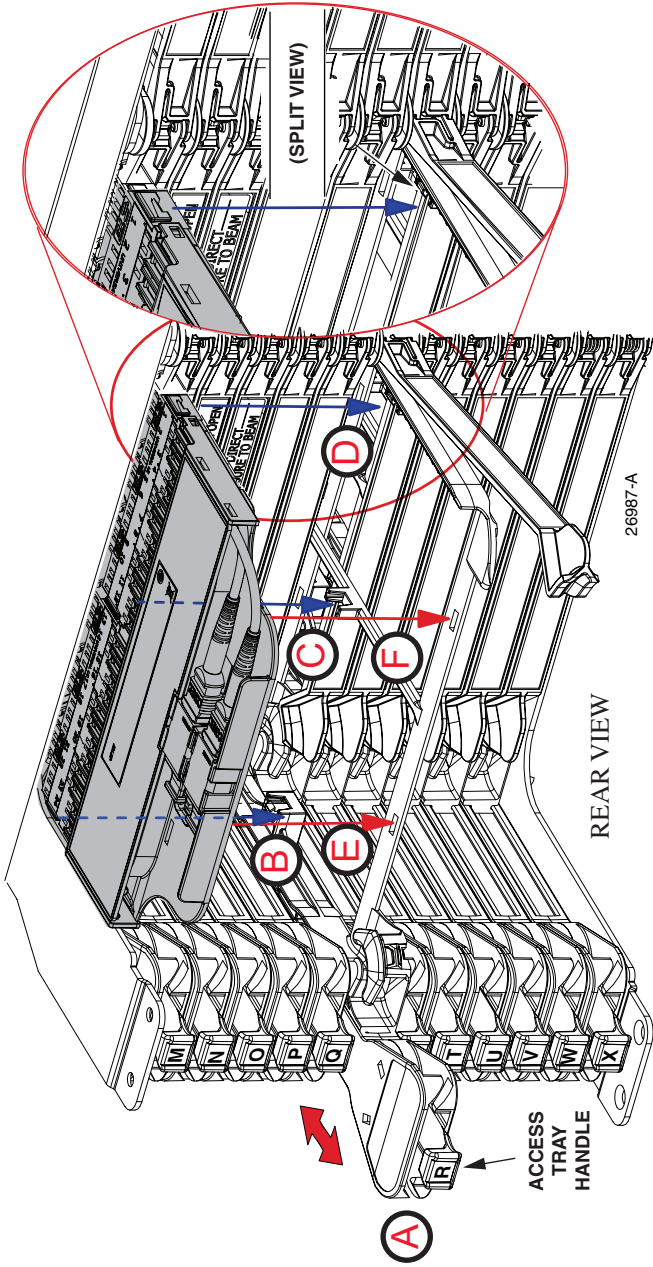
Pigtail C-MOD to Splice Chassis

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 13-14.



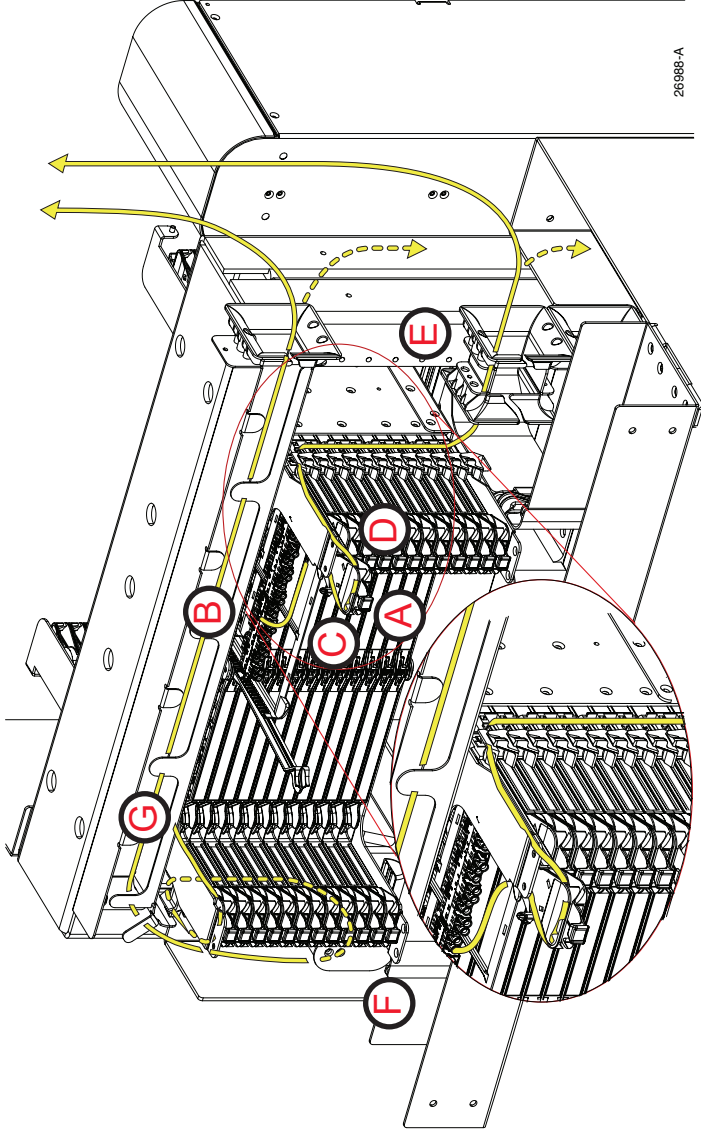
Installing a C-MOD, VAM, or MPO Module

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 10. Push in access tray handle. Close rear cover if present.



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 under radius limiter (F) and then up and 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).