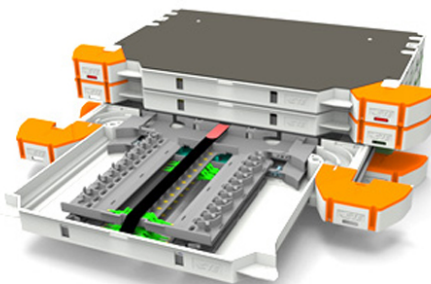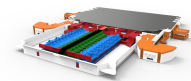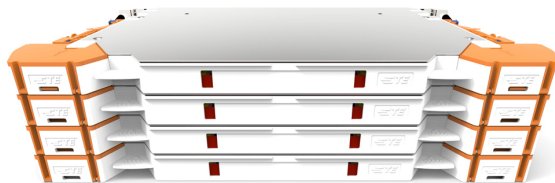# CommScope FACT Optical Distribution Frame (ODF) Platform

## Product Images

**Product Code: FACTODF**

## Short Description

The CommScope FACT Optical Distribution Frame (ODF) Platform offers high-density fibre connectivity and management for today's central office.

FACT™ is a flexible Optical Distribution Frame (ODF) that enables you to better manage your high-density fibre network as it grows and evolves. It incorporates flexible termination, splicing, patching and storage capabilities in a modular and customizable design. It supports your most challenging fibre applications while keeping your network connections accessible and manageable.

Modular design

The FACT ODF system is a completely modular system, designed from the inside out. It consists of the following components:

Elements
The building blocks of the FACT ODF are its splicing and/or patching elements. Each element offers 48 LC connections and measures 30,95 mm tall, 30-percent less than the standard HU (44,45mm). FACT elements can be deployed individually or similar elements can be combined into high-density modules. Four elements snap together to create one 3HU module that can support 192 LC connections. Six elements combine into 288 ports that can fit in a 5HU slot. Each FACT element features two hinged trays providing full front access to both sides of all connections and clear visibility of all ports. The element trays secure the fibres in place during manipulation to ensure optical performance and eliminate transient signal loss.

Adapter packs
All FACT elements—with the exception of Splice-Only solutions— can be custom configured with a variety of adapters, splicing and passive optical components. Add Standard Connectors (SC) and Small Form Connectors (LC), with ultra-polished contacts (UPC) and angled physical contacts (APC), to support a wide range datacom and telecom applications, including G-PON,E-PON and dense wavelength division multiplexing (DWDM)

Frame
The FACT ODF system is designed for use with CommScope's legacy FIST-GR3 frame, enabling you to increase the return on your CapEx investment. Lightweight and compact, the FIST-GR3 modular frame can be customized to optimize your available floor space. Exiting patchcords are routed over spools in the back of the frame to minimise bending. A fully loaded FIST-GR3 frame holds up to 56 FACT elements for 2,688 fibre connections.

Accessories (sold separately)
Backplates are available in kits that include the backplate, U-shaped mounting brackets and all necessary hardware. The backplates are sized based on port/fibre count and designed to fit 1-, 2- and 4-element FACT components. For new installations of a fully loaded FIST-GR3 frame, CommScope also offers an extra large, one-piece backplate kit that accommodates 28 FACT elements and occupies one half of a 2.2m frame. Cable attachment bracket kits allow you to securely mount different cable and patch cords to the side of the FACT panel. Bracket kits for standard loose tube fibre cable and inter-facility cable are designed to fit all FACT splicing and patching solutions, while the pigtail termination kit is specific to the FACT splice-only solution.

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