

The background of the slide is a complex network of glowing blue lines and nodes, resembling a digital or molecular structure. The nodes are small white circles, and the lines are thin blue lines connecting them. The overall effect is a sense of interconnectedness and technology.

ODF-SCM *foxs*

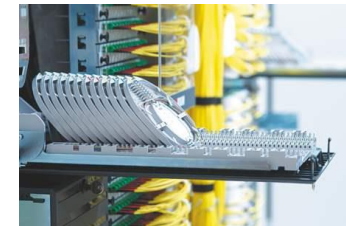
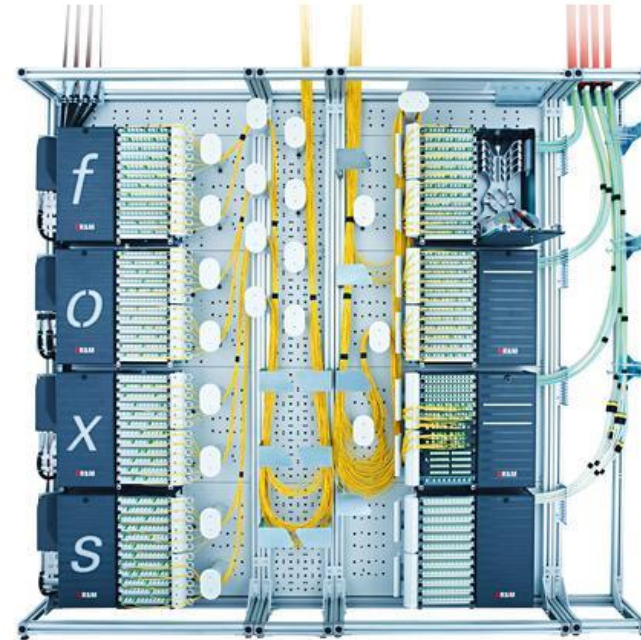
The smart and flexible ODF solution

ODF- SCM - Introduction

The R&M ODF-SCM (FOX S) is an Optical Distribution Frame designed for a save and flexible Network infrastructure in Central Offices, Data centres and FTTx architectures.

With the separated Patch and Splice Module and the integrate SCM-tray system the fibers arrangement can be organized and managed in save way.

The full integrated Fiber Management Concept guarantees a clear installation, high safety and failure-free operation in the network infrastructure.



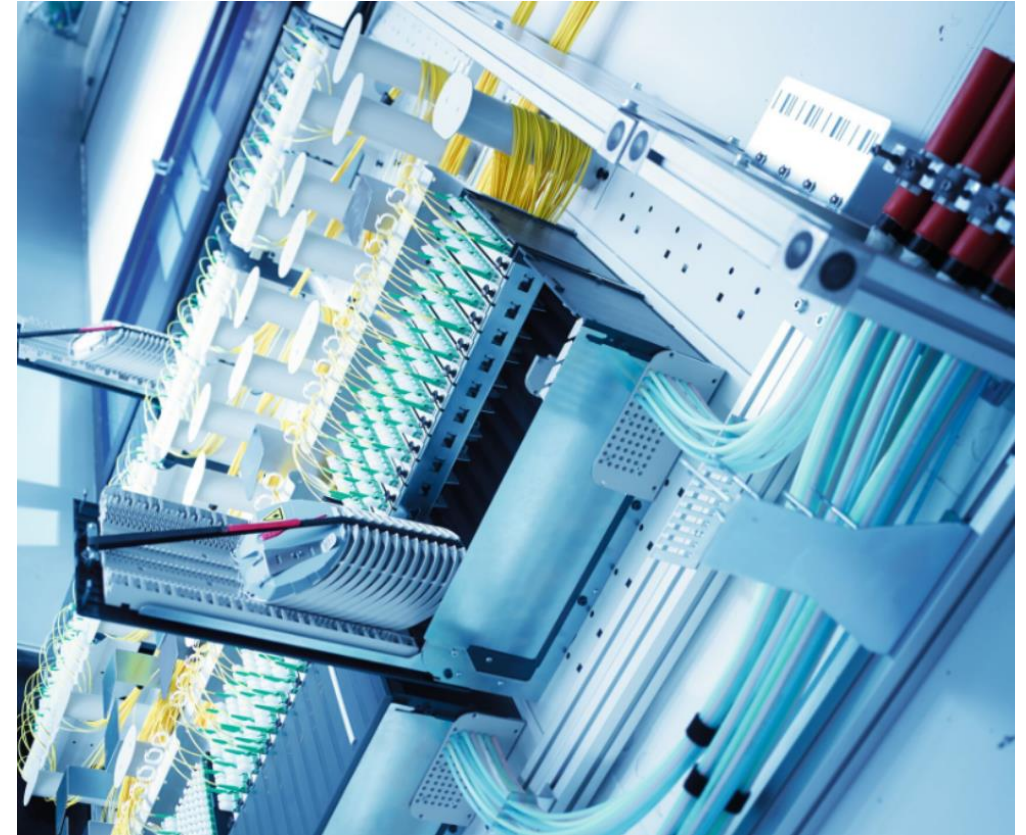
ODF- SCM - Introduction

The ODF-SCM (FOXs) is an ideal solution for Meet-Me Rooms in data centers and network facilities.

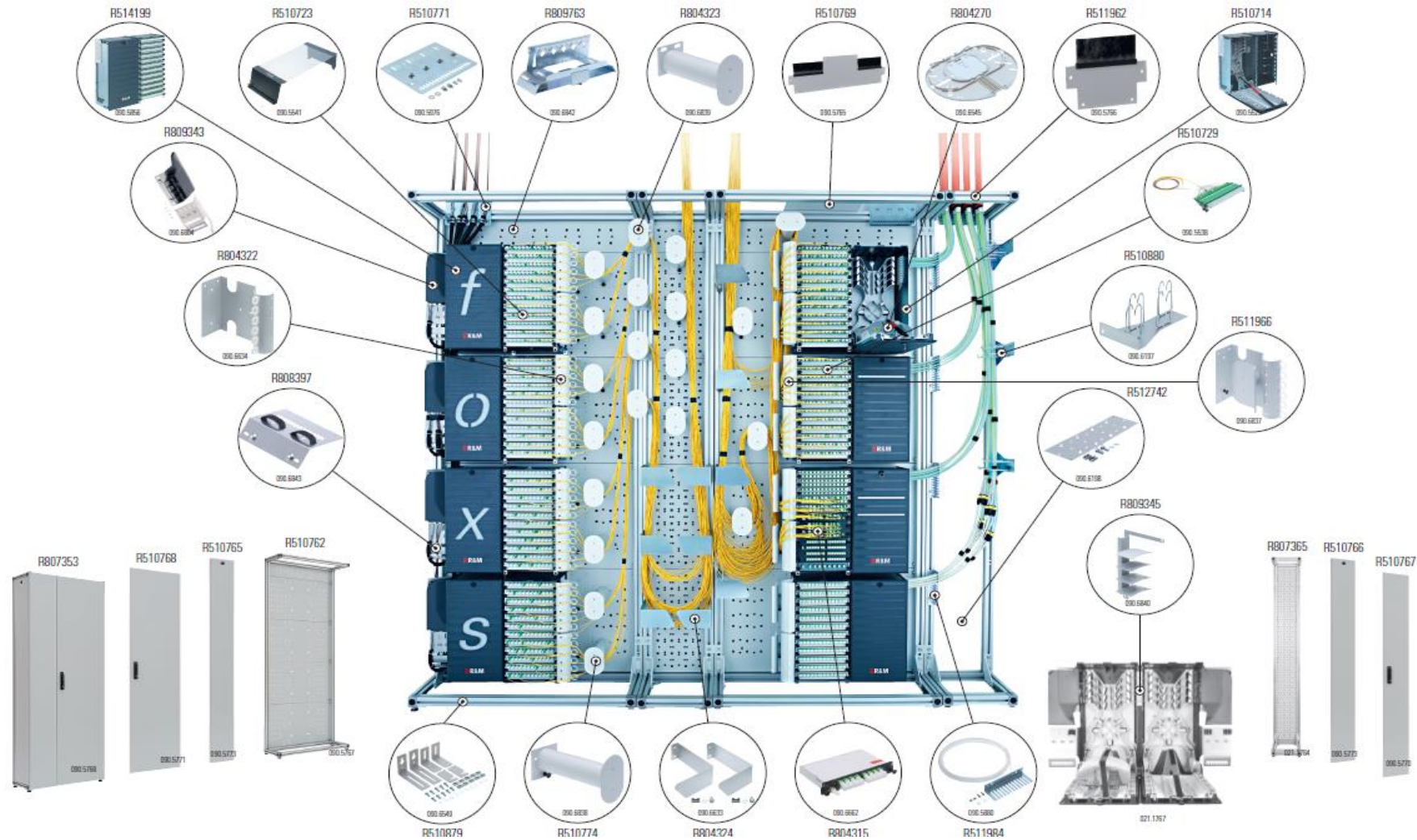
The separated Patch and Splice Modules ensure easy fiber management and secure interconnections.

The integrated SCM-tray system offers organized and efficient fiber routing, minimizing the risk of damage.

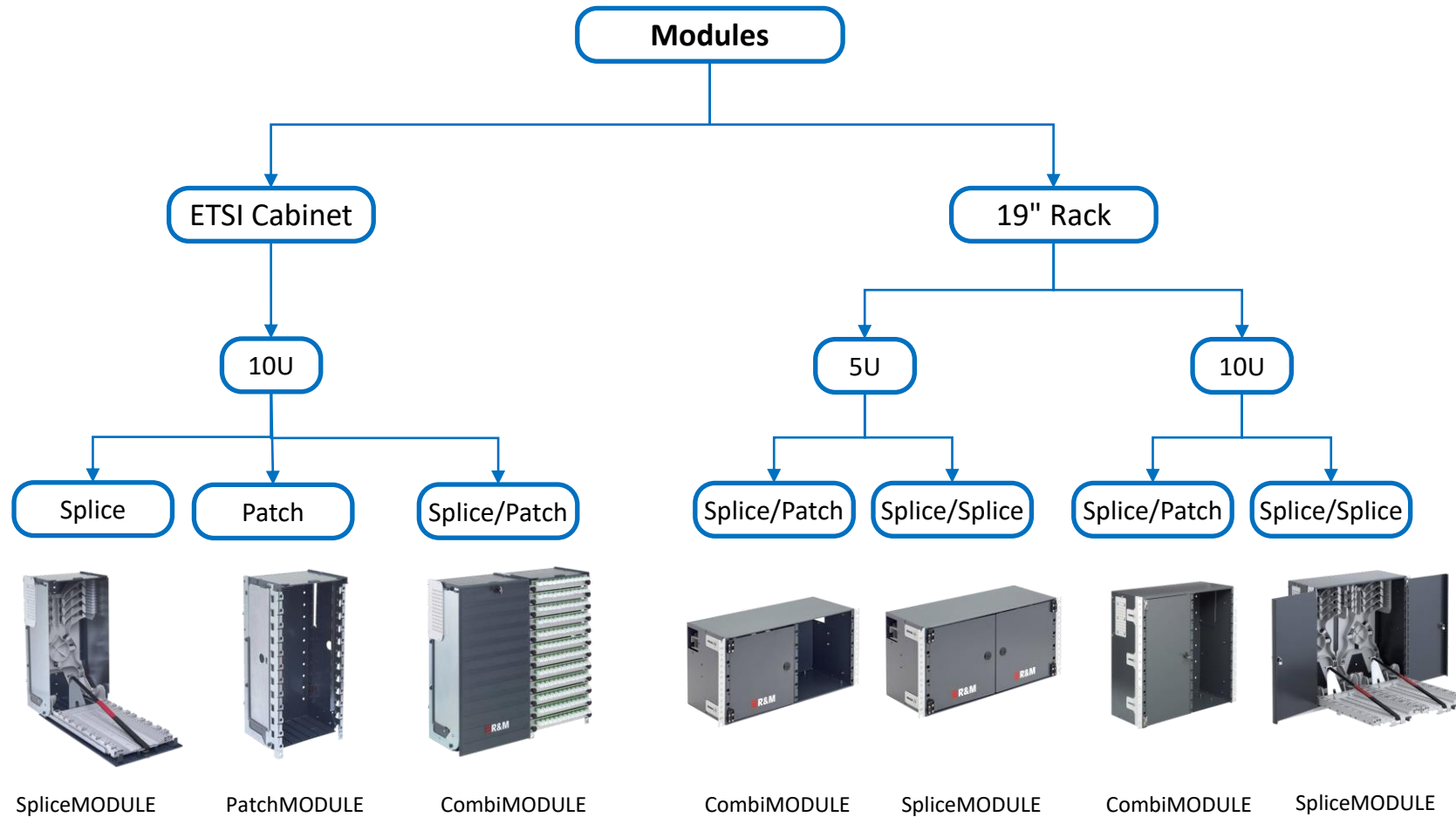
With a clear fiber management concept, it ensures high safety, reliability, and failure-free operation, making it perfect solution for managing multiple network provider connections in a Meet-Me Room.



ODF- SCM – System overview

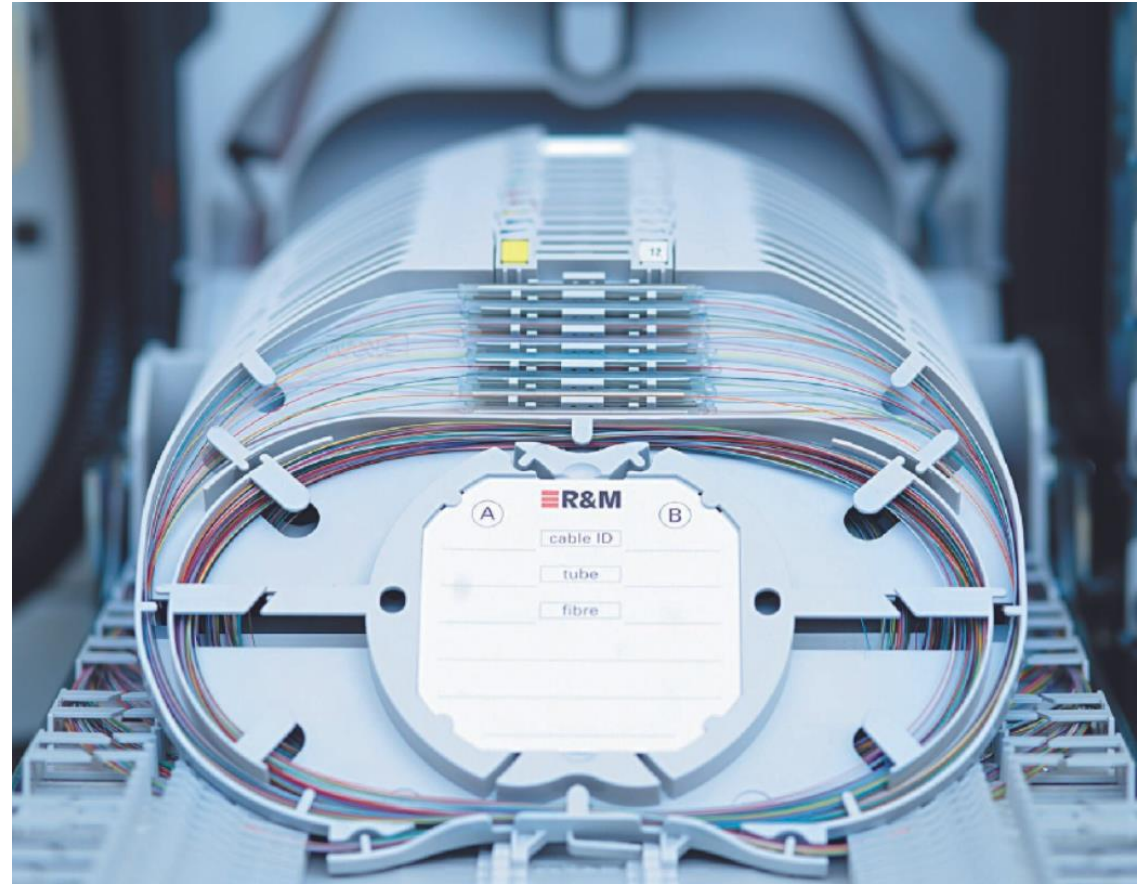


ODF-SCM – Core assortment



ODF- SCM – Assortment SpliceMODULE

- The SpliceMODULE ODF is designed exclusively for fiber-to-fiber splicing, offering an efficient and space-saving solution for optical distribution.
- Fiber management aligns with R&M's SCM tray range, ensuring a modular and flexible system with a high packing density.
- This solution caters to networks where splicing is the primary method of connectivity, providing a robust and scalable option for managing optical fibers effectively.
- Its modular nature makes it adaptable for various network configurations.



ODF- SCM – Assortment SpliceMODULE

Capacity

- Up to 24 x SE or 48 SC trays
- Up to 576 splice connections

Easiest handling

- Open fiber-guidance
- Toolless mounting

Highest operation reliability

- Stress-free fiber guidance during
- Min. bending radius R40
- Lockable cover



ODF- SCM – Assortment

PatchMODULE

- The PatchMODULE from the ODF-SCM family offers a practical and efficient solution for breakout applications in data centers.
- Convenient Cable Management for Pre-terminated cables mini-breakout, multi-patch cords, harness cables, or R&M VARIOline can be easily inserted, connected, and managed.
- The PatchMODULE supports up to 288 SC, E-2000 or 576 LC fiber optic connections. Flexible Configuration with up to twelve Patch inserts.
- The Patch inserts provides scalability, high packing density, and flexibility, making it ideal for modern data transmission environments.



ODF- SCM – Assortment PatchMODULE

Capacity

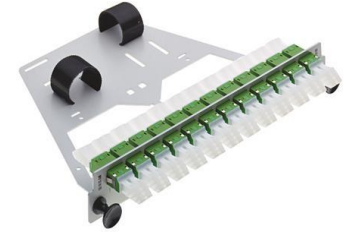
- Up to 12 x Patch-or Splitter inserts
- Up to 256/576 patch connections

Easiest handling

- For pre terminated cables
- Toolless click-in mounting
- Front access to each adapters

Highest operation reliability

- Protective cover
- Service table for maintenance



ODF- SCM – Assortment

CombiMODULE

- The CombiMODULE is an all-in-one solution for patch and splice applications, with a separated splice and patch side and supporting up to 576 fiber optic connections.
- Available as individually configurable empty units or pre-prepared and factory-tested modules.
- Ideal for data centers meet-me rooms. Combines splice and patch modules in one compact Module, available in right or left versions.
- The CombiMODULE offers modularity, scalability, and efficiency, making it ideal for modern fiber optic network expansions.



ODF- SCM – Assortment CombiMODULE

Capacity

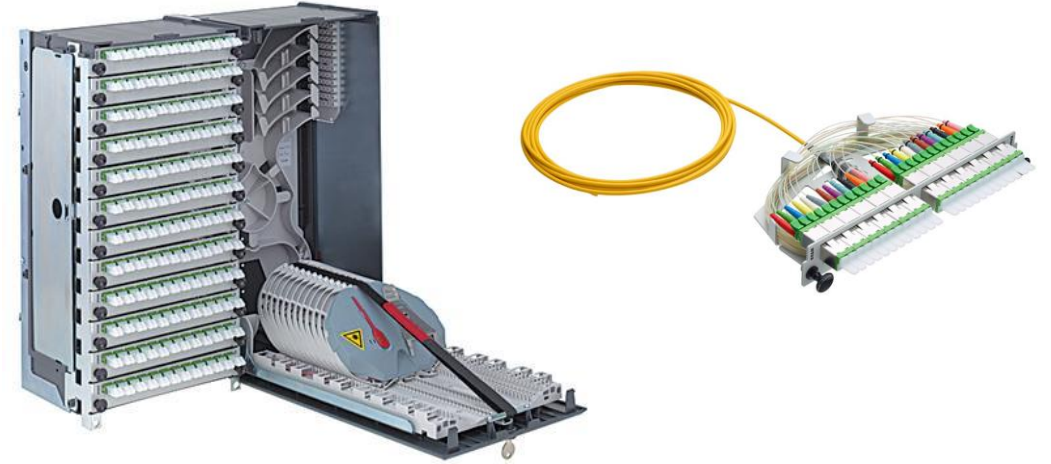
- Up to 24 x SE or 48 SC trays
- Up to 12 Patch- or Splitter inserts
- Up to 288 (576 LC) fiber connections

Scalable costs

- Individual SCM assembly
- Easy extendable during MAC (Move/ Add/ Change)

Maintenance cost reduction

- Clear, easy subscriber-identification
- Service und mounting table



ODF- SCM – ETSI Cabinet System

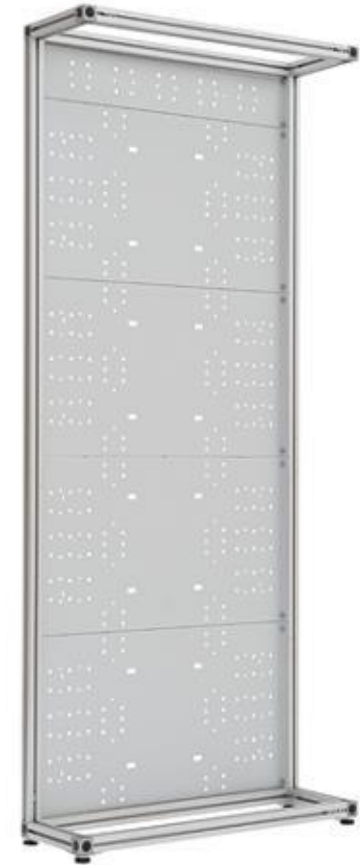
Basic cabinet complete or as basic frame assembled with backplanes for a toolless adaption of the different ODF-MODULE and Fiber management

- Cabinet-ODF-900x300x2200
- Cabinet-ODF-900x300x1800
- Cabinet-ODF-600x300x2200
- Cabinet-ODF-300x300x2200



ODF- SCM – ETSI Cabinet System

- Easiest handling
- Light construction without front struts
- Toolless Click-in installation of all ODF-Modules and mounting parts
- Modular expandability rack to rack or back-to-back
- Highest operation reliability
- Stress free fiber guidance through a smart fiber management
- Upgradeable cabinet cover



ODF- SCM – Accessories

SCM-Splice trays



Patch inserts



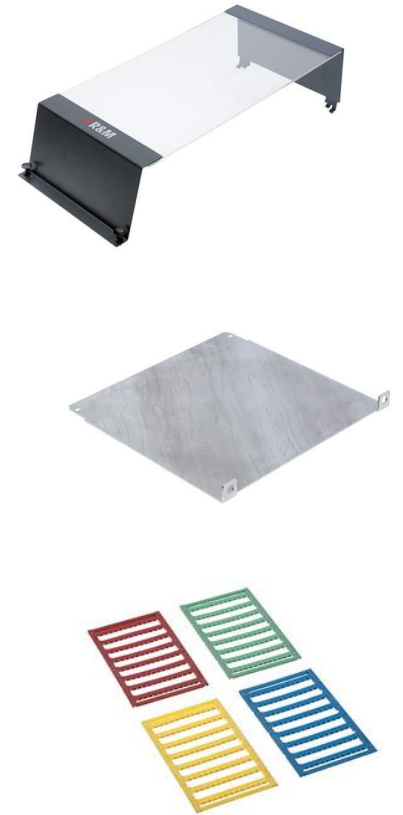
Fiber insertion



Cable management

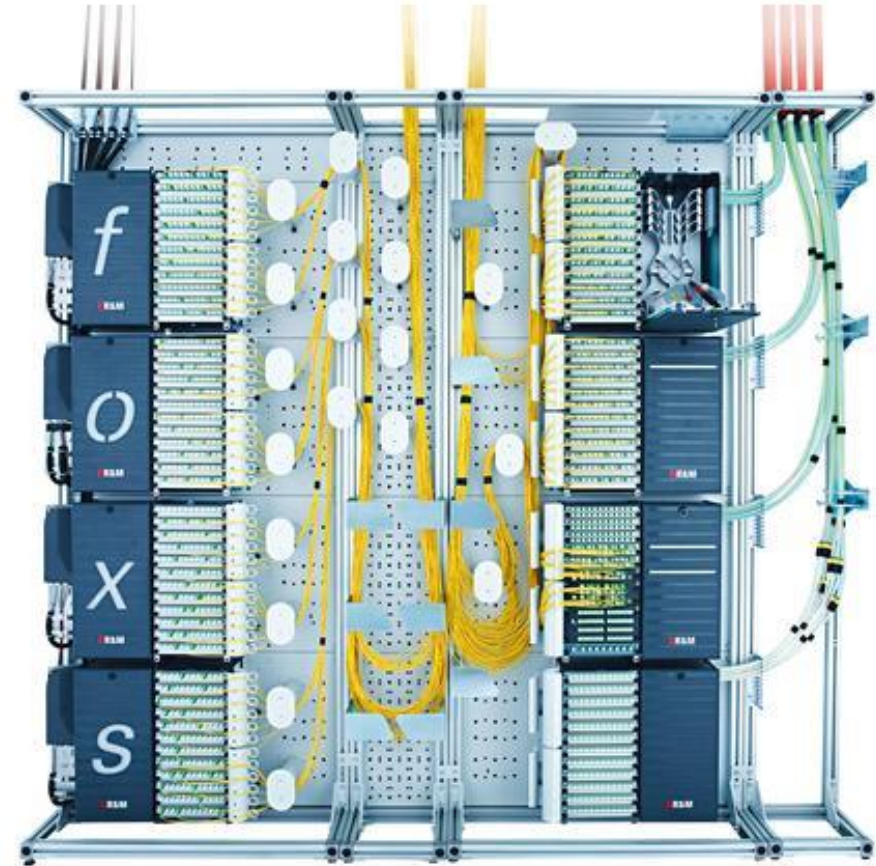


Reliability & Service



ODF- SCM – Benefits

- Highest operational reliability
- Stress-free fiber management
- Space saving with a modular design
- Simple identification
- Click-in design for a fast installation
- Scalable investments



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