

Get More

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R&Mfoxs-Venus Family

get more

More growth

- Faster setup in access area
- Scalable FTTH solution
- Investment geared to actual needs
- Platform also fit for the future

More flexibility

- Housings for use everywhere
- Platform that can be individually configured
- Modular principle

More operational reliability

- Indestructible, climate-proof housing
- Protection against dust and splashing water
- Easy installation and maintenance
- Lock and seal
- Strain-free fiber management
- Clear marking if subscribers



THE ALL-ROUND PERFORMERS FOR YOUR ACCESS NETWORK

One family, four strong siblings, convincing design: With the Venus boxes from the R&Mfoxs program you, can complete your FTTH project in no time at all. The sturdy housing system provides a universal platform for fine distribution in the access area, for the points of entry into the building and for in-house cabling. There are various flexible possibilities for equipping the connection boxes so they are suitable for all typical applications and topologies. Installation, maintenance and overall subscriber management are simplified by the modular principle, the ingenious quick-assembly technology and the Single Circuit Management (SCM) System from R&M. Now fiber optic networks can expand effortlessly.

TOUGH REQUIREMENTS

Miniaturized distribution systems clear the way for Fiber To The Building (FTTB) and Fiber To The Home (FTTH). They help to bridge the final few meters into the building. But these final meters pose tough requirements with regard to installation, operation and protection of small distributors.

For an FTTH roll-out to succeed, the installation of the building entry points must be as quick, simple and inexpensive as possible. The market expects immediate availability and oftentimes site-specific solutions as well. That means fine distribution must be adaptable, scalable and uncomplicated. A noticeable boost in productivity for network operators is also assumed. In addition, the distributor boxes are subject to myriad risks and environmental influences. So they have to be extremely sturdy.

We considered all these requirements and several more when developing the Venus family. The housing system made of ASA plastic can be put to various uses. It is compelling for its enormous resilience, for its quality and for the quick installation technology employed in taking on fibers and components. The boxes are extraordinarily flexible in application and can be equipped entirely to meet individual needs. That makes them a future-proof component for full-coverage broadband service.

INVESTMENT IN LINE WITH REQUIREMENTS

The packing volume of Venus boxes ranges from 4 to 864 splice connections or 2 to 192 patch connections. These are the best prerequisites for cost-conscious planning, needs-based investment as well as products and services geared to the market. The modular Single Circuit Management System (SCM System) from R&M features scalable trays to support every type of connection in the SCM models, be it splice, patch or splitter technology. Even the small FML and FSM models provide space for splice and patch connections. The boxes and blow-in solutions are compatible with cable types commonly found on the market. Thanks to a variety of configuration possibilities, they can take on all typical applications and network approaches, whether they involve point-to-point, point-to-multipoint or PON. As a result, network operators remain independent and flexible.

They also gain latitude when it comes to installation, because the Venus boxes can be put anywhere: on poles or facades, in street cabinets, basements, staircases or in the individual stories of a building. Even the smallest nook has room for the compact Venus FME.

You too can profit from the added value of high quality R&M products. Use the advantages of modular designs and place your trust in our experience.

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Multi-talented

One range – Full modularity
 Venus boxes are the ultra-compact FTTH distributors for access networks. They can accommodate everything: splices, splitters, connectors, distributor trays, copper connection strips. Even hybrid applications can be implemented.



Complete management
 Pack the entire subscriber management systems for quarters or buildings in one box – with the modular Single Circuit Management System (SCM System) from R&M. Handy, easy-to-scale tray technology simplifies installation and maintenance.



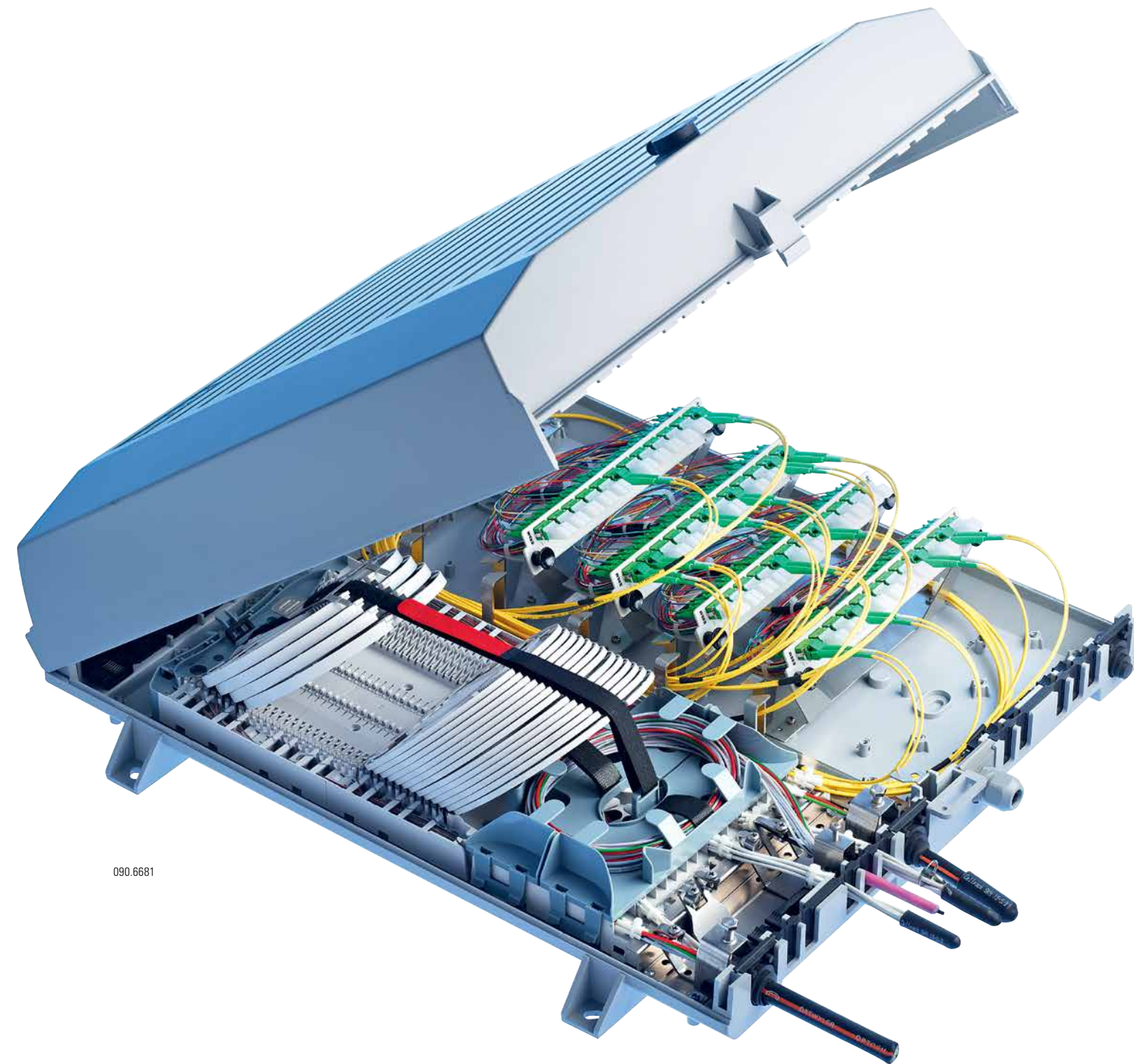
Always available
 Risks removed, availability assured. With R&M, fiber management and a 40-mm bending radius are already incorporated. Flexible labeling, color coding and numbering help to facilitate the error-free allocation of trays and fibers.



Full protection
 Valuable FTTH connections can enjoy decades of protection. ASA plastic resists the harshest climatic and environmental influences. Extra protection is provided by lock and seals plus dust and moisture barriers up to ingress protection class IP54.



Convenient installation
 Put the box wherever FTTH is called for. The Venus boxes can be conveniently installed anywhere indoors or out because they have external fastening points and can also be fastened to poles.



Venus SCM FXXL, FXL and FLA2 for up to 864 fibers
 The Venus SCM family is an efficient distributor platform for larger units. It has space for 864 splice connections. You equip the box as needed with SE, SC and splitter trays from the Single Circuit Management (SCM) System Family from R&M. With SC trays, you can separate as many as 72 subscribers. You can combine one tray holder and four patch inserts. That suffices for 96 LC, SC or E-2000™ * connections. With high-density LC Duplex, the packing volume is even greater, at 192 patch connections. The box also has space for two pre-terminated plug-and-play inserts with 1:32 splitter or CWDM inserts. Cable inlets and outlets are available at the top and at the bottom.



Venus FLA, HLA – Handy and flexible
 The consistent implementation of the FTTH idea places tough requirements on the final meters. Entry points into buildings must be able to be efficiently produced regardless of network topology and local conditions. At the same time, network operators have to have great flexibility so they can adapt fine distribution or respond to specific requirements at any time. The solution for smaller housing units and up to 12 subscribers: Venus FLA-SCM with Single Circuit Management (SCM). The handy box holds 144 fiber optic connections. In addition, splitters can have a split ratio of up to 2:32. Or it has space for 24 connectors of the types E-2000™ *, SC or LC. HLA is the hybrid model for up to 12 fibers and 50 DA with VS strips. This is how flexible building transfer points can be.



Venus FML and FME – The small models
 Venus FML and FME may be small in size but they deliver a huge performance for customers. The miniaturized distributor boxes can be discretely placed on the facade, in the basement or in the individual stories. They are quick to mount and take the FO termination very close to the consumer. Venus FML is the platform for up to 6 fibers or 4 adapters. R40 standard splice trays and standard connectors from the R&M range. They are also suitable as an attractively priced termination for Fiber To The Building (FTTB) concepts and industrial applications. The compact Venus holds as many as 4 fibers and 2 adapters. It is ideal for installations with bend-insensitive G657 optical fibers.



*E-2000™ is manufactured under a license from Diamond SA, Losone.

