

U-Box: COMPACT FLEXIBILITY

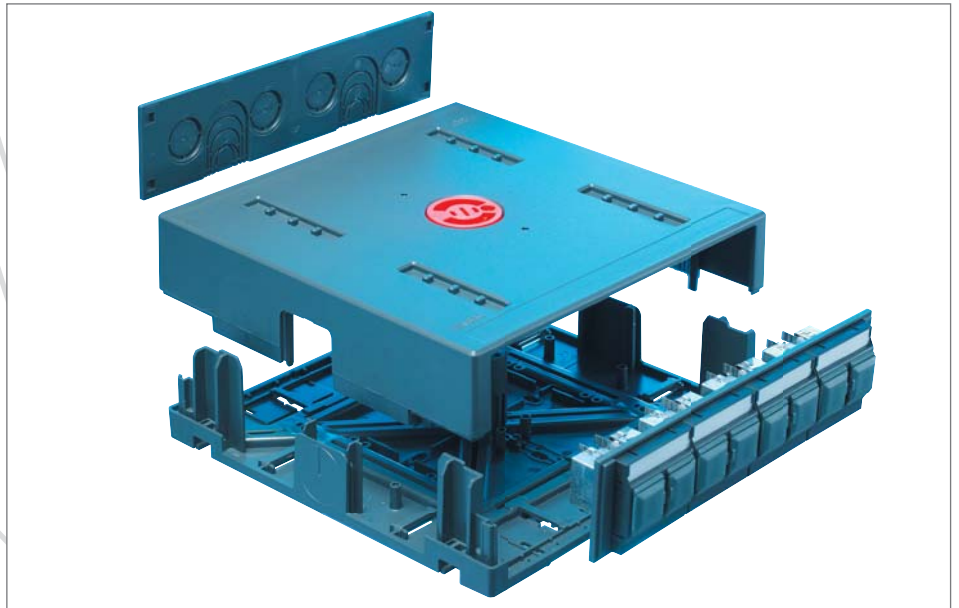
R&M is simplifying office cabling with a new installation box. The U-Box is a universal platform for workstation development and flexible distribution of data, communications and electricity network. The innovation is an expansion of the Extended Office Cabling program, is compatible with the MUTO/ Consolidation Point principle and can be combined with the R&Mfreenet cabling system.

With the U-Box, R&M is once again assuming technology leadership in modern office and building cabling. Greater efficiency, easy handling, high packing densities and flexible application options were vital goals in product development. The result is a universal and compact platform which is unique on the market. Its modular principle makes installation as easy as building with Lego.

Electrical and network planners as well as installers will be pleased because with the U-Box as a uniform base module, cabling projects are easier to implement than ever before. Product selection and work preparation for horizontal cabling are reduced to a minimum. Only the locations need to be planned and everything that is needed in each case is assembled on site. The U-Box provides many variation options. Modules for copper and fibre optic systems, onnections for power cabling, telecommunications, CATV and data networks have room in it. They can be plugged-in and plugged-out in just a few steps. In keeping with its Extended Office Cabling philosophy, R&M also offers the delivery of preterminated boxes.

All four sides are used – up to 16 data connections

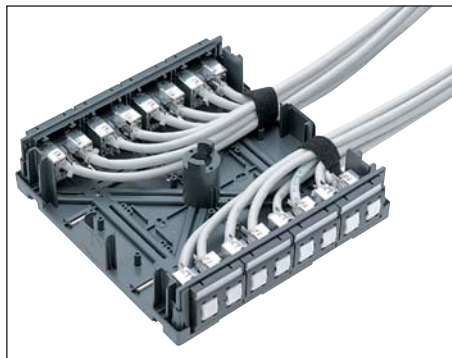
Two sides are symmetrically equipped with replaceable screens; the other two sides contain the cable grommets. Four connection solutions each are installed in the 45 x 45 mm mosaic on the screens – for example for power outlets. Or a double pack each with ten RJ45 jacks for voice, or eight Cat. 6 jacks for data networks – results in 16 connections on a surface which is much smaller than a side of A4. These are only a few examples with modules from the R&M cabling system.



The new U-Box from R&M is a universal platform for workstation development in modern offices. It is compatible with the MUTO/Consolidation Point model.

They show the high packing density that can be achieved with the U-Box. Custom-made individual screens can be constructed at any time for specific applications.

In addition, the media connections can be combined in the installation screens. Data and power connections can thus be placed close together, whilst remaining clearly separated. This is ideal for two workstations. Spacers, tilt able tension standard-compliant separation cover assure the controlled guiding of the different cables inside the box. Screwed cable glands in sizes M20-25 stabilize the cables in the grommets. Radius limiters and a break out solution for fibre optic cabling are also included in the program.



Even with cable entry guides on the side, cable radii are standard-compliant. The U-Box enables a high packing density with up to 16 shielded RJ45 jacks.

Quick installation – wherever the distributor can be accommodated The U-Box was designed for quick installation in raised floors, hollow ceilings and on surfaces. In particular it was designed as a collection point whether as a MUTO or Consolidation Point. It is also appropriate for installation in risers and distribution cabinets as well as for fastening to open cable conduits. Due to its compact shape and neutral design it also looks good in surface mounted solutions and office furnishings. The U-Box is only 57 mm thick. Thus, it is suitable for particularly low raised floors, which are often found in old buildings.

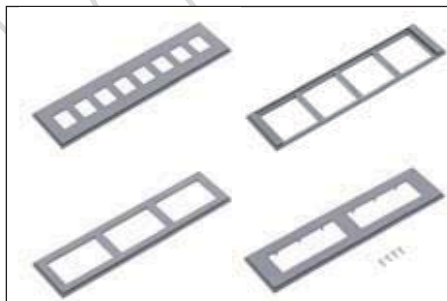
An easy-to-operate rotary lock holds the cover. If necessary, it can additionally be secured with screws. There are snap-on connectors for the bottom to compensate for unevenness. The same connectors serve as connection components in the stacking and stringing together of UBoxes.

Based on the R&M quality philosophy, the U-Box is a highly sturdy construction made of high-quality plastic. It meets the stability requirements of IEC 60670-1 and resists a breaking load of over 200 kg. The PC Lexan 940 plastic of the housing has a low category V-0 fire load and passes the filament test up to 960° C. It can be used in any public building. The plastic

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is in conformance with the UL provisions (94V-0) and listed accordingly. The material need not be grounded – another plus for efficient, cost-efficient building and office cabling.



The modular system allows eight different screens to be selected. Go to www.rdm.com for details of the entire range.



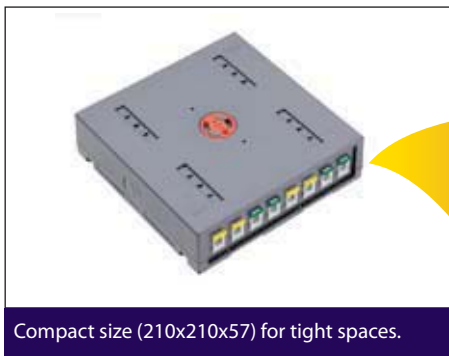
The clever connector module is used to stack and string together U-Boxes and ensure a safe distance to the floor.



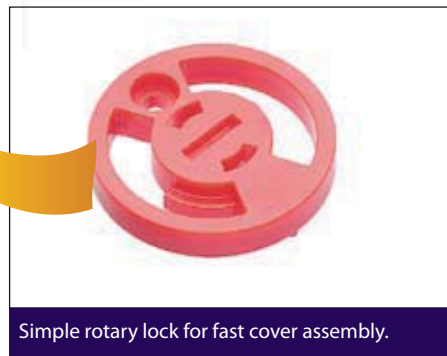
Both sides of the Box can be equipped with telecommunications and power outlets. Ideal for workstation development.



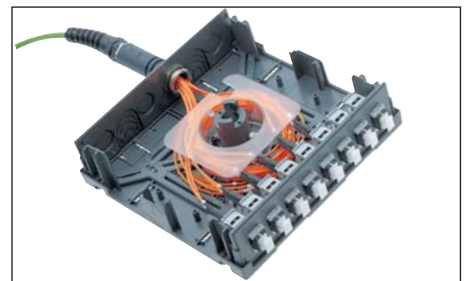
The U-Box is made of high-quality plastic. Its construction withstands heavy loads (over 200 kg).



Compact size (210x210x57) for tight spaces.



Simple rotary lock for fast cover assembly.



The U-Box as a platform for FO cabling. Just another example of this multi-talented innovation.



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