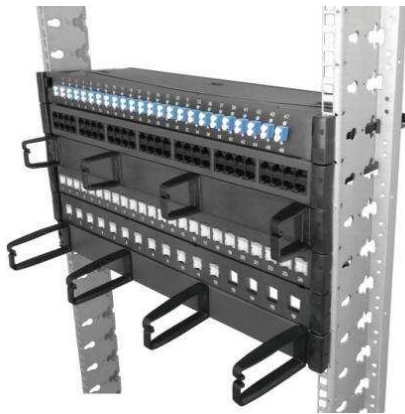# 3M

# Volition™
# Advanced Patching Solutions
# 19'' RJ45 Patch Panels



Part of the end-to-end structured copper and fibre cabling Volition™ range, 3M™ Volition™ Advanced Patching Solutions are designed to help network and data centre operators implement reliable, easy to use and easy to maintain structured cabling systems to effectively support all types of networks.

The Volition™ Advanced Patching Solutions 19" RJ45 Patch Panels are available with 16 or 24 ports and are compatible with all Volition™ Keystone RJ45 Jacks, from Category 5e to Category 6$_A$. .

The new, attractive design, in dark grey colour with black trim, in conjunction with the integrated cable and patch cord management systems and with the common set of accessories, provides a coherent and homogeneous coverage for all network applications.

| **Features** | **Benefits** |
|---|---|
| • Part of a new, complete range of 19'' Patch Panels. | • Complete set of 1U panels for copper, fibre (available in 2013), telephony (available in 2013) and cable management. |
| • New design. | • Panels are dark grey and accessories for cable fixing and cable management are black. |
| | • Modern aesthetic look integrates well with active components for a homogeneous and coherent total appearance. |
| • RJ45 keystone panels. | • Compatible with Volition™ RJ45 Jacks, Category 6$_A$, 6A Permanent Link, 6 and 5e. |
| • New fixing system without cage nuts. | • The 'easy fixing' system uses two screws integrated in the panel instead of separate cage nuts and screws, providing significant savings in terms of installation time. |
| | • After fixing, the screws are covered by a cap, giving a neat and uniform appearance to the panels in the rack. |
| • Automatic grounding system. | • Automatic connection to ground when the jack is inserted in the panel and the panel is fixed onto the rack. An additional grounding kit (ref. VOLSPKG) is available for applications with painted 19'' rails. |
| • Rear cable management system. | • The integrated cable management system secures the cables on the back of the RJ45 panels, making fixing with cable ties (not included) optional. |
| • Three way RJ45 port identification. | • Port numbering is visible on the front and inside the panel. |
| | • Large area on the front (full width of the panel) for adhesive labels. |
| | • Coloured identifiers (with or without label holder) for RJ45 ports. |
| • Wide range of patch cord management accessories | • Front patch cord management with 1U panels equipped with plastic rings (75mm or 100mm depth). |
| | • Side patch cord management with plastic rings (50mm or 75mm depth) that are directly fixed on the panel. |

# 3M

## Technical Specifications

- 19'' patch panel compatible with 3M RJ45 keystone jacks Category 6$_A$, 6A Permanent Link, 6 and 5e.
- Dust protection on panel ports when equipped with RJ45 jacks.
- Integrated cable support and fixing system.
- Port numbering and labelling according to EIA/TIA 606 and ISO/IEC/TR 14763-2-1.
- 1U version available in 16 or 24 ports.
- Equipped with two plastic covers to hide the fixing screws.
- Individual grounding of each port (when equipped with FTP or STP RJ45 jacks).
- Compatible with 3M RJ45 Splitters.

## Ordering Information | Ref. No.



**19'' patch panel, 24 ports, 1U**
For 24 RJ45 keystone jacks
Dimensions (WxHxD): 482.6 x 43.6 x 122.6 mm

**VOLSPK24**
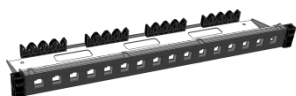


**19'' patch panel, 16 ports, 1U**
For 16 RJ45 keystone jacks
Dimensions (WxHxD): 482.6 x 43.6 x 122.6 mm

**VOLSPK16**

## Accessories | Ref. No.



**Patch cord management panels, 1U**
4 rings, 100 mm depth
Dimensions (WxHxD): 482.6 x 43.6 x 120 mm

**VOLSPM100**



4 rings, 75 mm depth
Dimensions (WxHxD): 482.6 x 43.6 x 95 mm

**VOLSPM75**



**Patch cord management panel with organizer**
Dimensions (WxHxD): 482.6 x 43.6 x 243.6 mm

**VOLSPMW**



**Cable management rings**
Set of 2 rings, 75 mm
Dimensions (WxHxD): 17.6 x 43.6 x 75.3 mm

**VOLSPR75**



Set of 2 rings, 50 mm
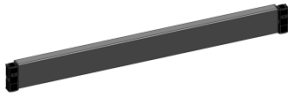Dimensions (WxHxD): 17.6 x 43.6 x 50.3 mm

**VOLSPR50**



**Grounding kit**
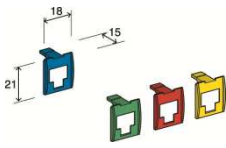Cable with two fixing elements
Dimensions (length): 200 mm

**VOLSPKG**

**19'' blanking panel, 1U**          **VOLSPB**

Dimensions (WxHxD): 482.6 x 43.6 x 35.1 mm

**Coloured identifiers, set of 8**

Blue          **VOLPCCB**

Yellow          **VOLPCCY**

Red          **VOLPCCR**

Green          **VOLPCCG**

**Coloured identifiers, set of 8, with label holder**

Blue          **VOLPECB**

Yellow          **VOLPECY**

Red          **VOLPECR**

Green          **VOLPECG**

**Important Notice**