DIAMOND \textit{flexos}  
Fiber Optic Passive Components

\textbf{PATCH PANELS AND DISTRIBUTORS}

DIAMOND \textit{flexPatch fix} 1U is a high-density fiber interconnect unit that support up to 24 duplex ports (48 fibers) in a 19” 1U rack-mountable footprint. The removable top panel provides accessibility for field termination, fiber management, or troubleshooting activities. Cable entry knockouts are provided on both the sides and the rear of the unit providing flexibility for cable routing as well strain relief. The unit is available with a variety of fiber storage and management options designed to maintain minimum fiber bend for optimum optical performance and long-term reliability. Labelling models are available for download from our website.

\textbf{FEATURES AND BENEFITS}

\textit{flexPatch fix}

\begin{itemize}
  \item Simplest handling of the frontpanel thanks to magnets for fixing
  \item Up to 48 fibers on one height unit (1U)
  \item Available in E-2000\textsuperscript{®}, SC, F-3000\textsuperscript{®}, FC, and ST\textsuperscript{TM} connector styles
  \item Available with factory terminated assemblies
  \item Knock out cable access points on both sides and rear of unit
  \item Compatible with the Diamond’s Field Fusion
  \item Multiple strain relief options
  \item Variable deep-adjustably up to 60mm
  \item Removable top cover for optimal access
\end{itemize}

\textit{flexPatch fix telescoping}

\begin{itemize}
  \item Provides all features and benefits like flexPatch fix
  \item Telescopic front panel which can be angled up to 60° to allow an optimal accessibility even by having a high-density in the Rack
\end{itemize}

\textbf{SPECIFICATIONS}

\begin{itemize}
  \item Material: Powder-coated case, anthracite-colored to easily detect fiber remains. Front plate made of silver-colored, anodized aluminium
  \item Dimensions: 482.6 (19") x 44.45 (1U) x 240 mm (W x H x D), 19 x 1.75 x 9.5 inches
  \item Weight: \begin{tabular}{lll}
    \textit{flexPatch fix:} & \textit{flexPatch fix telescopic:} \\
    24x E-2000\textsuperscript{®} Compact & 2157 gram & 2473 gram \\
    24x E-2000\textsuperscript{®} Simplex & 2041 gram & 2340 gram \\
    12x E-2000\textsuperscript{®} Compact 45° & 1994 gram & 2295 gram
  \end{tabular}
\end{itemize}

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\textbf{Removable Cover}

\textit{flexPatch fix}

For cleaning and splicing accessible by opening the cover.

\textit{flexPatch fix telescopic}

Although high density easy accessible due to the bendable front panel.
### ORDER INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>DESCRIPTION</th>
<th>CONFIGURATION</th>
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</table>
| 19” flexPatch fix 1U 24xE-2000 Compact RJ (48 fibers) | Assembled with:  
24x mating adapters  
E-2000® Compact RJ, MM50 µm  
E-2000® Compact RJ, MM50 µm OM3  
E-2000® Compact RJ, MM62.5 µm  
E-2000® Compact RJ, SM9 µm 0°  
E-2000® Compact RJ, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |
| 19” flexPatch fix 1U 24xE-2000 Simplex (24 fibers) | Assembled with:  
24x mating adapters  
E-2000® Simplex, MM50 µm  
E-2000® Simplex, MM50 µm OM3  
E-2000® Simplex, MM62.5 µm  
E-2000® Simplex, SM9 µm 0°  
E-2000® Simplex, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic  
flexPatch fix 45° right  
flexPatch fix 45° left |
| 19” flexPatch fix 1U 12xE-2000 Compact RJ 45° (24 fibers) | Assembled with:  
12x mating adapters  
E-2000® Compact RJ, MM50 µm  
E-2000® Compact RJ, MM50 µm OM3  
E-2000® Compact RJ, MM62.5 µm  
E-2000® Compact RJ, SM9 µm 0°  
E-2000® Compact RJ, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |
| 19” flexPatch fix 1U 24xF-3000 Simplex (24 fibers) | Assembled with:  
24x mating adapters  
F-3000® Simplex, MM50 µm  
F-3000® Simplex, MM50 µm OM3  
F-3000® Simplex, MM62.5 µm  
F-3000® Simplex, SM9 µm 0°  
F-3000® Simplex, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |
| 19” flexPatch fix 1U 12xF-3000 Duplex (48 fibers) | Assembled with:  
24x mating adapters  
F-3000® Duplex, MM50 µm  
F-3000® Duplex, MM50 µm OM3  
F-3000® Duplex, MM62.5 µm  
F-3000® Duplex, SM9 µm 0°  
F-3000® Duplex, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |
| 19” flexPatch fix 1U 12xSC Duplex (24 fibers) | Assembled with:  
12x mating adapters  
SC Duplex, MM50 µm  
SC Duplex, MM50 µm OM3  
SC Duplex, MM62.5 µm  
SC Duplex, SM9 µm 0°  
SC Duplex, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |
| 19” flexPatch fix 1U 24xST (24 fibers) | Assembled with:  
24x mating adapters  
ST™, MM50 µm  
ST™, MM50 µm OM3  
ST™, MM62.5 µm  
ST™, SM9 µm 0°  
ST™, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |
| 19” flexPatch fix 1HE 24xF-APC (24 fibers) | Assembled with:  
24x mating adapters  
FC/PC, MM50 µm  
FC/PC, MM50 µm OM3  
FC/PC, MM62.5 µm  
FC/PC, SM9 µm 0°  
FC/PC, SM9 µm 8° | flexPatch fix  
flexPatch fix telescopic |

Customer specific configurations available, please contact your local DIAMOND representative.