DIAMOND *flexos*
Fiber Optic Passive Components

PATCH PANELS AND DISTRIBUTORS

DIAMOND *flex*Patch fix 1U is a high-density fiber interconnect unit that support up to 24 duplex ports (48 fibers) in a 19″ 1U rack- mountable foot-print. 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.
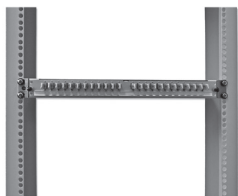
Removable Cover

FEATURES AND BENEFITS

*flex*Patch fix

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

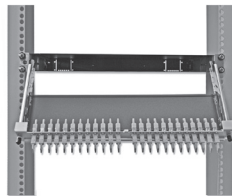#### *flex*Patch fix telescoping

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

flex*Patch fix
For cleaning and splicing accessible by opening the cover.

flex*Patch fix telescopic
Although high density easy accessible due to the bendable front panel.

SPECIFICATIONS

▶ Material: Powder-coated case, anthracite-colored to easily detect fiber remains.
  Front plate made of silver-colored, anodized aluminium
▶ Dimensions: 482.6 (19") x 44.45 (1U) x 240 mm (W x H x D), 19 x 1.75 x 9.5 inches

▶ Weight:	flexPatch fix:	flexPatch fix telescopic:
24x E-2000™ Compact	2157 gram	2473 gram
24x E-2000™ Simplex	2041 gram	2340 gram
12x E-2000™ Compact 45°	1994 gram	2295 gram

ORDER INFORMATION

PRODUCT NAME	DESCRIPTION	CONFIGURATION
19" *flex*Patch 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°	*flex*Patch fix *flex*Patch fix telescopic
19" *flex*Patch 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°	*flex*Patch fix *flex*Patch fix telescopic
19" *flex*Patch 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°	*flex*Patch fix *flex*Patch fix telescopic *flex*Patch fix 45° right *flex*Patch fix 45° left
19" *flex*Patch 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°	*flex*Patch fix *flex*Patch fix telescopic
19" *flex*Patch fix 1U 24xF-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°	*flex*Patch fix *flex*Patch fix telescopic
19" *flex*Patch 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°	*flex*Patch fix *flex*Patch fix telescopic
19" *flex*Patch fix 1U 24xSC Duplex (48 fibers)	Assembled with: 24x 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°	*flex*Patch fix *flex*Patch fix telescopic
19" *flex*Patch 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°	*flex*Patch fix *flex*Patch fix telescopic
19" flexPatch fix 1HE 24xFC (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/APC, SM9 µm 8°	*flex*Patch fix *flex*Patch fix telescopic

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