

DIAMOND *flexos*

Fiber Optic Passive Components

PATCH PANELS AND DISTRIBUTORS

DIAMOND *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.

FEATURES AND BENEFITS

flexPatch fix

- ▶ 24 port (48 fiber) in a 19" 1U rack footprint (including optional patch cord management tray)
- ▶ Available in E-2000™, SC, F-3000™, FC, and ST™ connector styles
- ▶ Available with factory terminated and installed pigtail assemblies
- ▶ Knock out cable access points on both sides and rear of unit
- ▶ Compatible with the Diamond's Field Fusion or pigtail splicing
- ▶ Multiple strain relief options
- ▶ Adjustable mounting brackets
- ▶ Removable top cover

flexPatch 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



flexPatch fix

For cleaning and splicing accessible by opening the cover.



flexPatch fix telescopic

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

SPECIFICATIONS

- ▶ Material: Powder coated charcoal gray housing color makes it easy to find and identify fibers.
Clear anodized aluminium frontpanel
- ▶ Dimensions: 482.6 (19") x 44.45 (1U) x 240 mm (W x H x D),
19 x 1.75 x 9.5 inches



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flexPatch fix 1U



Removable Cover

Specifications subject to change without notice

BDD 1900453 12_11

ORDER INFORMATION

PRODUCT NAME	DESCRIPTION	CONFIGURATION
<i>flexPatch fix 1U</i> 24xE-2000™ Compact RJ (48 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 24xE-2000™ Compact RJ 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic
<i>flexPatch fix 1U</i> 24xE-2000™ Simplex (24 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 24xE-2000™ Simplex 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic
<i>flexPatch fix 1U</i> 24xF-3000™ Duplex (48 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 24xF-3000™ Duplex 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic
<i>flexPatch fix 1U</i> 12xE-2000™ Compact RJ 45° (24 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 12xE-2000™ Compact RJ 45° 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> ausziehbar <i>flexPatch fix</i> 45° right <i>flexPatch fix</i> 45° left
<i>flexPatch fix 1U</i> 12xSC Duplex (24 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 12xSC Duplex 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic
<i>flexPatch fix 1U</i> 24xSC Duplex (48 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 24xSC Duplex 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic
<i>flexPatch fix 1U</i> 24xST™ (24 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 24xST mating adapters ST™, MM50 μm ST™, MM50 μm OM3 ST™, MM62.5 μm ST™, SM9 μm 0° ST™, SM9 μm 8°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic
<i>flexPatch fix 1U</i> 24xFC (24 fibers)	19" 1U <i>flexPatch fix</i> interconnect unit with 24xFC 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°	<i>flexPatch fix</i> <i>flexPatch fix</i> telescopic

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