

DIAMOND *flexos*

Fiber Optic Passive Components

PATCH PANELS AND DISTRIBUTORS

DIAMOND flexPatch 1U is a high-density fiber interconnect unit that supports up to 24 duplex ports (48 fibers) in a 19" 1U rack-mountable footprint. The telescoping front tray tilts (up to 60°) making the unit very accessible 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 as strain relief. The unit provides multiple fiber storage and management features designed to maintain minimum fiber bend for optimum performance and long-term reliability.

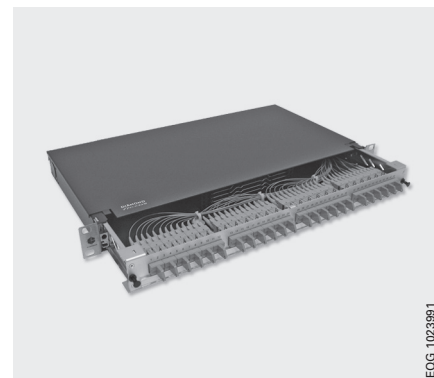
FEATURES AND BENEFITS

- ▶ Telescoping front access tray with a unique 60° tilting feature for improved accessibility
- ▶ 24 port (48 fiber) in a 19" 1U rack footprint
- ▶ 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
- ▶ Separate fiber storage chambers for the incoming multifiber-cables and pigtails
- ▶ Multiple strain relief options
- ▶ Adjustable mounting brackets
- ▶ Removable top cover

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

flexPatch 1U



Telescoping front tray

EOG 1023951



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Specifications subject to change without notice

BDD 1900452 12_11

ORDER INFORMATION

PRODUCT NAME	AVAILABLE TYPES	ORDER NUMBER	ORDER NUMBER
<i>flexPatch</i> 1U 24xE-2000™ Compact RJ (48 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 24xE-2000™ Compact RJ mating adapter and 48xE-2000™ pigtailed dressed in unit; includes 4 splice trays 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°	EQG 1063582 EQG 1043151 EQG 1063587 EQG 1023990 EQG 1023991	
<i>flexPatch</i> 1U 24xE-2000™ Simplex (24 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 24xE-2000™ Simplex mating adapter and 24xE-2000™ pigtailed dressed in unit; includes 2 splice trays 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°	EQG 1063666 EQG 1063638 EQG 1063669 EQG 1023995 EQG 1023996	
<i>flexPatch</i> 1U 12xE-2000™ Compact RJ 45° (24 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 12xE-2000™ Compact RJ 45° mating adapter and 24xE-2000™ pigtailed dressed in unit; includes 2 splice trays 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°	45° right EQG 1063650 EQG 1063658 EQG 1063660 EQG 1033840 EQG 1058516	45° left EQG 1063662 EQG 1063664 EQG 1063665 EQG 1033850 EQG 1033851
<i>flexPatch</i> 1U 24xF-3000™ Duplex (48 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 24xF-3000™ Compact RJ mating adapter and 48xF-3000™ pigtailed dressed in unit; includes 4 splice trays 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°	EQG 1023997 EQG 1042551 EQG 1023998 EQG 1023999 EQG 1024000	
<i>flexPatch</i> 1U 12xSC Duplex (24 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 12xSC Duplex mating adapter and 24xSC pigtailed dressed in unit; includes 2 splice trays SC Duplex, MM50 μm SC Duplex, MM50 μm OM3 SC Duplex, MM62.5 μm SC Duplex, SM9 μm 0° SC Duplex, SM9 μm 8°	EQG 1063643 EQG 1042582 EQG 1063646 EQG 1024014 EQG 1024015	
<i>flexPatch</i> 1U 24xSC Duplex (48 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 24xSC Duplex mating adapter and 48xSC pigtailed dressed in unit; includes 4 splice trays SC Duplex, MM50 μm SC Duplex, MM50 μm OM3 SC Duplex, MM62.5 μm SC Duplex, SM9 μm 0° SC Duplex, SM9 μm 8°	EQG 1063647 EQG 1063649 EQG 1048766 EQG 1024020 EQG 1024021	
<i>flexPatch</i> 1U 24xST™ (24 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 24xST™ mating adapter and 24xST pigtailed dressed in unit; includes 2 splice trays ST™, MM50 μm ST™, MM50 μm OM3 ST™, MM62.5 μm ST™, SM9 μm 0°	EQG 1063861 EQG 1063867 EQG 1063862 EQG 1023965	
<i>flexPatch</i> 1U 24xFC (24 fibers)	19" 1U <i>flexPatch</i> interconnect unit with 24xFC mating adapter and 24xFC pigtailed dressed in unit; includes 2 splice trays FC/PC, MM50 μm FC/PC, MM50 μm OM3 FC/PC, MM62.5 μm FC/PC, SM9 μm 0° FC/APC, SM9 μm 8°	EQG 1063863 EQG 1063877 EQG 1063864 EQG 1023969 EQG 1023970	
<i>flexPatch</i> 1U with Blind plate	19" 1U <i>flexPatch</i> with Blind front plate for max. 48 splicing without termination	EQG 1027991	

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