

# DIAMOND *flexos*

## Fiber Optic Passive Components

flexBGT Sub Rack 4 U

### PATCH PANELS AND DISTRIBUTORS

The Diamond flexBGT 19" 4 U Sub rack allows a packing density of up to 288 fibers. The rack holds up to 12x compact plug-in modules, each with 7 sub-units in the upper three rack units. A flexible drawer, which is lockable and can be removed from the front or rear, is built into the bottom and fourth rack unit. It thus offers a great advantage in adapting to the infrastructure or installation requirements.

The guide slots and the drawers are powder-coated in anthracite grey and feature very comfortable handling, and any fiber deposits can be detected immediately. The cable, prefabricated fanout or breakout cable plus the connection tubes are fastened on the back side to a continuous support rail. On the front at the 1 U drawer, you can individually select if four plastic guide brackets, a cable tray or even both together should be mounted. Thanks to the inlaid magnets, description strips can be attached directly to the guide brackets, the cable tray or the front panel.

The lightweight compact plug-in modules are made of aluminum and are likewise powder-coated. The splice trays can be placed parallel next to the fixed bundled-wire/fiber guide with its snap-on protective cover. Pre-cut slots in the blank front panels for compact plug-in modules enable the individual fastening of breakout cables or patch cable excess lengths using cable ties or hook-and-loop fasteners.

### FEATURES

#### Sub Rack 4 U

- ▶ Strain relief for cables possible from the rear
- ▶ Powder-coated guide slots
- ▶ Powder-coated drawer, lockable, can be removed from the front or rear
- ▶ Can be used as a modular solution in a "building-block system" for the E-2000™ and F-3000™
- ▶ Delivery of 4 U BGT chassis with 4x single guide brackets, 4x double guide brackets, click-in mounting, 1x description strip (height 43 mm), 19" mounting material

#### Compact plug-in modules:

- ▶ Modules for 1.6 mm fast click-in fixed insertion
- ▶ Modules with separate storage area for bundled wires and pigtailed including protective cover
- ▶ Modules with connection tubes for bundled wires including fixed-insertion material
- ▶ Modules with silkscreened port labeling
- ▶ E-2000™ modules and blank front panel with additional description strips
- ▶ 3 U / 7 sub-unit module for F-3000™ Duplex Junior up to 24 fibers
- ▶ Plug-in module with blank front panel with additional extra long tray allows handling of cable/patch cord excess lengths up to 10 meters:

Max. supply length per blank front panel plug-in module with 2.8 mm cable diameter:

in extra long tray	L = 6 m
in the integrated storage area	L = 4 m
combined extra long trays and storage	L = 10 m



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Specifications subject to change  
without notice

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## SPECIFICATIONS

- ▶ **Material:** Rack walls and 19" 1 U front panel made of stainless steel,  
Compact plug-in modules made of aluminum, front panels made of silver anodized aluminium  
Guide slots, drawer and modules powder-coated anthracite gray
- ▶ **Dimensions:** Measurements of 19" sub rack, 3 U: 482.6 (19") x 133.35 (3 U) x 300 mm (L x W x H)  
Measurements of 19" sub rack, 4 U: 482.6 (19") x 177.80 (4 U) x 300 mm (L x W x H)
- ▶ **Weight (modules ready for splicing):**

3 U 19" sub rack	1700 grams
4 U 19" sub rack	3150 grams
3 U / 7 sub-unit compact plug-in module, 12x F-3000™ Duplex Junior	320 grams
3 U / 7 sub-unit compact plug-in module, 6x E-2000™ Duplex Compact	330 grams
3 U / 14 sub-unit compact plug-in module, 12x E-2000™ Duplex Compact	410 grams
3 U / 7 sub-unit compact plug-in module, blank front panel	210 grams
3 U / 7 sub-unit blank front panel	32 grams
Cable tray	220 grams

## ORDERING INFORMATION

SHORT DESCRIPTION	DESCRIPTION	ORDER NUMBER
19" BGT, 3 U	19" sub rack, 3 U chassis equipped with - side wall, 19" angle	EOG 1073803
19" BGT, 4 U	19" sub rack, 4 U chassis equipped with: - side wall, 19" angle - drawer and 19" drawer front panel (1 U)	EOG 1073337
3 U / 7 sub-unit compact plug-in module 6x E-2000™ Duplex Compact (height = 128.5 mm, depth = 247 mm)	Equipped with: 6x mating adapters, 12x pigtails, 1x splice tray E-2000™ Compact Duplex, MM50 µm E-2000™ Compact Duplex, MM50 µm OM3 E-2000™ Compact Duplex, SM9 µm 0° E-2000™ Compact Duplex, SM9 µm 8°	EOG 1073338 EOG 1073339 EOG 1073340 EOG 1073341
3 U / 14 sub-unit compact plug-in module 12x E-2000™ Duplex Compact (height = 128.5 mm, depth = 247 mm)	Equipped with: 12x mating adapters, 24x pigtails, 2x splice trays E-2000™ Compact Duplex, MM50 µm E-2000™ Compact Duplex, MM50 µm OM3 E-2000™ Compact Duplex, SM9 µm 0° E-2000™ Compact Duplex, SM9 µm 8°	EOG 1073342 EOG 1073343 EOG 1073344 EOG 1073345
3 U / 7 sub-unit compact plug-in module 12x F-3000™ Duplex Junior (height = 128.5 mm, depth = 247 mm)	Equipped with: 12x mating adapters, 24x pigtails, 2x splice trays F-3000™ Duplex Junior, MM50 µm F-3000™ Duplex Junior, MM50 µm OM3 F-3000™ Duplex Junior, SM9 µm 0° F-3000™ Duplex Junior, SM9 µm 8°	EOG 1073346 EOG 1073347 EOG 1073348 EOG 1073349
3 U / 7 sub-unit compact plug-in module (height = 128.5 mm, depth = 247 mm)	Equipped with: - basic module, blank front panel with description strip - extra long tray	EOG 1073350
3 U / 7 sub-unit blank front panel (height = 128.5 mm)	3 U / 7 sub-unit aluminum blank front panel	EOG 1073320
Cable tray	Cable tray for 1 U front panel	EQN 1023399

[1 sub-unit = 5.08 mm, 7 sub-units = 35.56 mm, 14 sub-units = 71.12 mm]



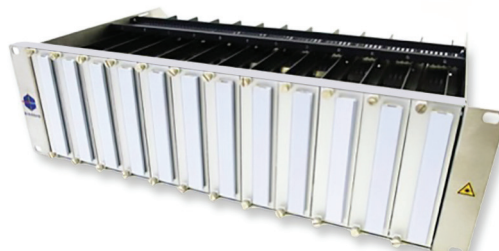
EQN 1073349



EQN 1073341



EQN 1073350



EQN 1073803