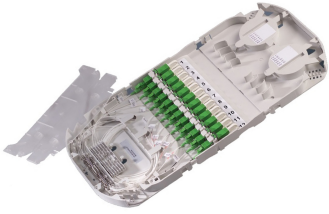


# FIST-OC-TRAYS

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## FIST GPST fiber patch/splitter tray for FIST fiber optic panels

- Includes FIST management system for fiber organization and splicing
- Designed to accommodate the FIST generic fiber optic shelves for splicing, patching and passive component integration

**FIST-OC-G** is a mechanical tray assembly for the FIST splitter and fiber management in a rack environment. The patching splitter tray fits into a FIST-GPS2 sub-rack and houses one or more integrated splitter(s).

**FIST-OC-GW** is a mechanical tray assembly for the FIST WDM and fiber management in a rack environment. The patching/WDM tray fits into a FIST-GPS2 sub-rack and houses one or more integrated WDM's

It has the following functions and features:

- Symmetric and asymmetric splitters available
- Variety of input/output configurations
- Connectorized in- and output ports
- Easy re-patching
- Fast installation
- Available with a wide variety of connector types

The splitter components are based on FBT (fused biconic tapered) technology for low split ratios. For higher split ratios, planar waveguide technology is used. The WDM components are based on FBT or thin film filter technology, depending on the isolation and wavelength range required.

## Product Classification

<b>Regional Availability</b>	EMEA
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Fiber patch/wdm tray   fiber patch/splitter tray
<b>Product Brand</b>	FIST®
<b>Product Series</b>	FIST-OC-G   FIST-OC-GT   FIST-OC-GW

## General Specifications

<b>Functionality</b>	Multiplexing   Patching   Splitting
<b>Application</b>	For use with FIST panels
<b>Color</b>	Gray
<b>Interface, front</b>	LC/APC   LC/UPC   LSH/APC   SC/APC   SC/UPC
<b>Interface, Input</b>	LC/APC   LC/UPC   LSH/APC   SC/APC   SC/UPC

# FIST-OC-TRAYS

**Interface, Output** LC/APC | LC/UPC | LSH/APC | SC/APC | SC/UPC

**Tray Orientation** Left orientation | Right orientation

## Dimensions

**Height** 18 mm | 0.709 in

**Width** 355 mm | 13.976 in

**Depth** 190 mm | 7.48 in

## Ordering Tree

**FIST-OC- G X X X X X X X - X X**

### FIST-GPST12 tray

Maximum capacity is 12 standard connectors and theoretically 24 small form factor connectors (sometimes limited due to fiber storage in the splitter module).

### Splitter grade

- A** Grade A (FBT component) for output ports ≤ 2
- P** Grade P (planar component) for output ports ≥ 4
- O** Grade O (low loss planar component) for output ports ≥ 4

### Number of integrated splitters

The maximum number of integrated splitters is for each configuration (connectorsize, splitter and splitter grade) indicated in the table underneath.

	Standard connectors	SFF connectors
1x2	max.4	max.6
2x2	max.3	max.4
1x4	max.2	max.4
2x4	max.2	max.4
1x8	max.1	max.2
2x8	max.1	max.2
1x16	-	max.1

SFF: small form factor connectors (LC)

### Number of splitter inputs

- 1** 1x... splitter
- 2** 2x... splitter, only split ratio 50/50

### Tray orientation

- RS** Connector array right, splitter module left
- LS** Connector array left, splitter module left
- RP** Connector array right, patch module left
- LP** Connector array left, patch module left

### Connector type

Min. Return Loss	Connector type	
	SC	LC
50 dB (UPC)	<b>S1</b>	<b>L1</b>
60 dB (APC 8°)	<b>S2</b>	<b>L2</b>
60 dB (APC 9°)	<b>S3</b>	

### Split ratio

<b>00</b> Symmetrical	<b>20</b> 20/80 (*)
<b>05</b> 5/95 (*)	<b>30</b> 30/70 (*)
<b>10</b> 10/90 (*)	<b>40</b> 40/60 (*)

(\*) only for 1x2 splitters

### Number of outputs per splitter

	Splitter type
<b>2</b>	...x2 splitter
<b>4</b>	...x4 splitter
<b>8</b>	...x8 splitter
<b>G</b>	...x16 splitter

# FIST-OC-TRAYS

## FIST - OC - G X X XXXX XX - XX

### FIST-GPST12 tray

12	Maximum capacity standard connectors
24	Small form factor connectors (sometimes limited due to fiber storage in the splitter module).

### WDM technology

W	FBT technology
T	Thin-film filter (indoor use only)

### Number of integrated WDM's

4	Standard connectors: max. 4
6	SFF (small form factor) connectors: max. 6

### Tray orientation

RS	Connector array right, splitter module left
LS	Connector array left, splitter module left
RP	Connector array right, patch module left
LP	Connector array left, patch module left

### Connector type

Min.return loss	SC	FC	E2000	LC
50 dB (UPC)	S1	F1		L1
60 dB (APC 8°)	S2	F2	E9	L2
60 dB (APC 9°)	S3			

### WDM type

1200	1310/1550 + 1625 nm (T and W)
1201	1310 + 1550/1625 nm (T only)
1202	1310 + 1490/1550 nm PON video coupler (T only)

## Optical Specifications

**Fiber Mode** Multimode | Singlemode

## Environmental Specifications

**Operating Temperature** -5 °C to +45 °C (+23 °F to +113 °F)

**Storage Temperature** -30 °C to +60 °C (-22 °F to +140 °F)

**Relative Humidity** Up to 93%, non-condensing

## Packaging and Weights

**Packaging quantity** 1