



## FIST-GPST-12

### FIST Generic Patching Shelf Tray

FIST is a Fiber Infrastructure System Technology.

The Generic Patch/Splice Tray, FIST-GPST-12 is a mechanical tray assembly for the FIST fiber management system in a rack environment. FIST-GPST-12's are typically used in conjunction with a FIST splice and patch shelf (FIST-GPS2).

#### The unit has the following functions and features:

- Patching only, using patch cords, connectorized break-out or intra-facility cable
- Splicing loose tube cable, non connectorized intra-facility or break-out cable to pigtails and patching these pigtails to patch cords
- Splitters can be integrated
- Full patching capability on the tray and between the trays of one shelf

#### Patching trays are used instead of front patch panels

- Patch cords are better managed in a horizontal plane
- Full access at both sides of the connection
- Reconnection to other positions in the same tray or shelf does not result in uncontrolled overlengths
- Various connector adapters possible
- Bend controls guide and protect the pigtail cable and ensure controlled cable bending
- Empty versions available as well as filled with various types of adapters/retainers and eventually pre-fibered with the conforming pigtails.

# FIST-GPST-12

## FIST Generic Patching Shelf Tray

### Dimensions, Capacity

Description	Dimensions			Maximum Capacity Std. Connectors	SFF Connectors
	Height	Width	Depth		
	mm	mm	mm		
FIST-GPST-12	18	355	190	12	24

### Ordering Information

## FIST - GPST - 12 - X X X - 2

#### Tray Options

Trays are ordered per set of 2 complementary pieces (each set can hold 24 standard or 48 SFF fiber connections) with the following configuration:

Cable Type	Pre-fibered	Splice holder or micro-fan-out	Patchords leave shelf side			
			Left	Right	Left	Right
			Std. Connectors		SFF Connectors	
Patchord or pre-connectorized BOC	No	-	AA	AA	AA	AA
Loose tube cable or non pre-connectorized BOC (3)	Yes (2)	SMOUV12 (1)	IA	AI	MA	AM
		ANT	JA	AJ	NA	AN
	No	RECORDsplice	VA	AV	WA	AW
		SMOUV12 (1)	EA	AE	PA	AP
		ANT	FA	AF	QA	AQ
Pre-connectorized IFC	No	RECORDsplice	BA	AB	ZA	AZ
		SMOUV12 (1)	EA	AE	-	-
		ANT	FA	AF	-	-
		RECORDsplice	BA	AB	-	-

#### Connector Adapter with Retainer

N No connectors/pigtails

Min. return loss	SC	FC	E2000	LC
<b>Single Mode Standard</b>				
45 dB (PC)				
50 dB (UPC)	A	C		L1
60 dB (APC 8°)	B	D	E9	L2
60 dB (APC 9°)	S3			
<b>Single Mode Low Loss</b>				
50 dB (UPC)	S6			
60 dB (APC 8°)	S7		F	
60 dB (APC 9°)	S8			
<b>Single Mode Consumer Grade</b>				
50 dB (UPC)	SC	FC		LC
60 dB (APC 8°)	SD	FD		LD

In case of Multi-mode application order empty trays and loose adapters only

In case of DIN/ST/MU adapter applications contact your local sales engineer

(1) Only for SMOUV-1120-02 (45 mm long heat-shrinkable splice protector) which is supplied with the kit.

(2) Contact your local sales engineer for trays with pre-fibered pre-connectorized IFC.

(3) BOC: Break-out cable (diameter of individual pigtails inside the BOC is max. 2.8 mm). GTU2 needs to be ordered separately.

### Consumables, accessories and tools

Refer to the ordering guide of FIST-GPS2 and cable assemblies for more information.

For more technical options and order quantity information, please consult the products ordering guides or your local sales representative.



[www.commscope.com](http://www.commscope.com)

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