



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 patchcords, 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 patchcords
- Ribbon splicing is possible
- 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

- Patchcords 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

Dimensions, capacity

Description	Dimensions			Max. Capacity std. connectors	SFF connectors
	H mm	W mm	D mm		
FIST-GPST-12	18	355	190	12	24

Ordering information

FIST-GPST-12- X X X -2

Tray options

NN Without trays

Other options contain GPST-12 trays with following configuration:

Cable type	Pre-fibered	Splice holder holder or micro-fan-out	Patchcords leave shelf side				
			Left Std. connectors	Right Std. connectors	Left SFF connectors	Right SFF connectors	
Patchcord or pre-connectorized BOC	No	-	AA	AA	AA	AA	
Loose tube cable or non pre-connectorized IFC	Yes (2)	SMOUV12 (1) ANT RECORDsplice	IA JA VA	AI AJ AV	MA NA WA	AM AN AW	
	No	SMOUV12 (1) ANT RECORDsplice	EA FA BA	AE AF AB	PA QA ZA	AP AQ AZ	
Pre-connectorized IFC	No	SMOUV12 (1) ANT RECORDsplice	EA FA BA	AE AF AB	- - -	- - -	
Non pre-connectorized BOC	Yes	SMOUV12 (1) ANT RECORDsplice	KA LA CA	AK AL AC	- - -	- - -	
	No	SMOUV12 (1) ANT RECORDsplice	GA HA DA	AG AH AD	- - -	- - -	
Ribbon pigtail (patching only)	R4	Yes	micro fan-out	R4A	AR4	-	-
	R8	Yes	micro fan-out	R8A	AR8	-	-
	R12	Yes	micro fan-out	R12A	AR12	T12A	AT12
Ribbon pigtail (splicing & patching)	R4	Yes	SMOUV-R2-12	S4A	AS4	-	-
	R8	Yes	(3) &	S8A	AS8	-	-
	R12	Yes	micro fan-out	S12A	AS12	U12A	AU12

Connector adapter with retainer

N No connectors/pigtails

Min.return loss	SC	FC	E2000	LC	DIN	ST	MU
Single mode standard							
45 dB (PC)					K	Q	U1
50 dB (UPC)	A	C		L1			
60 dB (APC 8°)	B	D	E9	L2			
60 dB (APC 9°)	S3						
Single mode low loss							
50 dB (UPC)	S6						
60 dB (APC 8°)	S7		F				
60 dB (APC 9°)	S8						
Single mode consumer grade							
50 dB (UPC)	SC	FC		LC			
60 dB (APC 8°)	SD	FD		LD			
Multi mode							
50/900 μ	S5D	F5D	E5D	L5D		T5D	
62.5/900 μ	S5E	F5E	E5E	L5E		T5E	

BOC: Break-out cable (diameter of individual pigtails inside the BOC is max. 2.8 mm). IFC: Intra-facility cable

(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) Ribbon SMOUV included in the kit.

Consumables, accessories and tools

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

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