

FIST Generic Splice/Patch Shelf

TELECOM OUTSIDE PLANT

FIST is a Fiber Infrastructure System Technology.

The Generic Splice/Patch Shelf, FIST-GPS2 is a mechanical shelf assembly for the FIST fiber management system in a rack environment.

FIST-GPS2 is typically used in conjunction with FIST splice and patch trays (FIST-GPST-12)

- to patch
 - between patchcords
 - pre-connectorized break-out cable to patchcords
 - pre-connectorized intrafacility cable to patchcords
 - ribbon pigtail to patchcords
- to splice
 - loose tube cable to pigtails **and patch** these pigtails to patchcords
 - non pre-connectorized intrafacility cable to pigtails **and patch** these pigtails to patchcords
 - non pre-connectorized break-out cable to pigtails **and patch** these pigtails to patchcords
 - ribbon to a micro fan-out and patch this fan-out to patchcords

The unit has the following features

- Can be installed in FIST racks and other 19" or metric (ETSI) racks
- Available in different heights and capacities
 - 125 mm high: max. 72 connectors
 - 88 mm high: max. 48 connectors
 - 44 mm high: max. 24 connectors
- Full patching capability on the tray and between the trays of one shelf. Patching trays are used in stead 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 can be located in the patching area
- Kits to attach cables at the side or the back of the shelf are available
- Optional jumper overlength storage facility



FIST-GPS2

FIST-GPS2

Dimensions, capacity

Description	Dimensions			Max. capacity connectors	
	H mm	W mm	D mm	Without storage basket	With storage basket
FIST-GPS2-M	125	531	280	72	48
FIST-GPS2-I	125	481	280	72	48
FIST-GPS2-J	88	481	280	48	24
FIST-GPS2-O and -K	44	481	280	24	12

The shelf unit is finished in powder coated (painted) to RAL-7035.

Ordering information

FIST-GPS2-X-X X X-X

Chassis type

125 mm high	88 mm high	44 mm high
M Metric		O 19" back mounting
I 19"	J 19"	K 19" front mounting

Tray Layout

NN Without trays

Other options contain GPST-12 trays with following configuration

Cable type	Pre-fibered	Splice holder or Micro-fan-out	Patchcords leave shelf side	
			Left	Right
Patchcord or Pre-connectorized BOC	-	-	AA	AA
Loose tube cable or Non pre-connectorized IFC	Yes	SMOUV12 ⁽¹⁾ ANT	IA JA	AI AJ
	No	SMOUV12 ⁽¹⁾ ANT	EA FA	AE AF
Pre-connectorized IFC	-	SMOUV12 ⁽¹⁾ ANT	EA FA	AE AF
Non pre-connectorized BOC	Yes	SMOUV12 ⁽¹⁾ ANT	KA LA	AK AL
	No	SMOUV12 ⁽¹⁾ ANT	GA HA	AG AH
Ribbon pigtail	R4	Yes	micro fan-out	R4A AR4
	R8	Yes	micro fan-out	R8A AR8
	R12	Yes	micro fan-out	R12A AR12
Ribbon fiber (splicing & patching)	R4	Yes	SMOUV - R2 - 12 ⁽²⁾	S4A AS4
	R8	Yes	&	S8A AS8
	R12	Yes	micro fan-out	S12A AS12

Number of trays and content

Trays only	Storage & trays
0 No trays	R Storage only
2 2 trays	S Storage + 1 tray
4 4 trays	T Storage + 2 trays
6 6 trays	U Storage + 4 trays

Connector adapter with retainer

N	None
A	SC/PC
B	SC/APC
C	FC/PC
D	FC/APC
E	E2000
F	E2000HRL
K	DIN/PC
M	DIN/APC
O	SC/PC-FC/PC
L	ST (multimode)
Q	ST (single mode)

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

IFC: Intrafacility cable

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

⁽²⁾ Ribbon SMOUV included in the kit.

Consumables, accessories and tools

For a list of accessories, please refer to the FIST-GPS2/GPST-12 ordering guide.

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