

FIST-GB2

FIST generic box

FIST is a Fiber Infrastructure System Technology.

The Generic Box GB2 provides a wall mountable environmental and mechanical protection for the FIST fiber management system that includes the functions of splicing, patching and passive component integration.

The product is typically used on a wall inside or outside the customer's premises and in street cabinets.

The unit has the following features

- The box comprises a base and lid assembly
- High seal rate: IP55
- The base plate includes the cable entry/exit ports and a UMS (Universal Mounting System) profile to accommodate the different types of sub-assemblies
- Accessories are available for termination of most common cable types e.g. loose tube, central core, ribbon fiber
- The FIST-GB2 provides a cable loop-through function allowing uncut loops to be stored in a controlled manner per single circuit, ribbon or cable element. For central core applications, a basket is available to store the uncut fibers
- The GB2 can be equipped with a patch panel which can accommodate:
 - connector adapters for all common connector types
 - kevlar termination units (KTU's) to provide the necessary strain relief when terminating common pigtail types
 - a mix of connector adapters and KTU's
- Fiber splices can be managed in a single circuit or single element way.



How to order this product

1 Order one of the application kits

Application kits have been identified for an easy product selection and ordering. These kits contain all necessary items for a certain application and fiber count. Please refer to the FIST-GB2 ordering guide for more information.

2 Order the box and its accessories separately.

FIST-GB2-XX - X X

Box size

- 12 Typical capacity of 12 connectors
- 24 Typical capacity of 24 connectors
- 36 Typical capacity of 36 connectors
- 48 Typical capacity of 48 connectors

Outer cover locking options

- A No lock (i.e. only quarter-turn screws)
 - B Tyco lock & key nr. 1
 - C Tyco lock with specific customer key nr.
 - D No lock but with hole for Tyco lock
 - E Specific customer lock or hole
- (For options C and E consult your local sales engineer)

Application

- S Splicing cable to cable only
- T Terminating cable to pigtails

For a list of accessories, please refer to the FIST-GB2 ordering guide

Dimensions and capacities

	GB2-12		GB2-24		GB2-36		GB2-48	
Dimensions	Height (mm)		387		455		530	
	Width (mm)		372		372		372	
	Depth (mm)		176		176		176	
Splicing cable to cable	Fibers	Trays	Fibers	Trays	Fibers	Trays	Fibers	Trays
Single circuit splicing capacity	40	20	48	24	72	36	96	48
Single element splicing capacity	120	10	144	12	216	18	288	24
R4/R8 splicing capacity	80	10	104	13	152	19	200	25
R12 splicing capacity	72	6	96	8	144	12	192	16
Splicing cable to pigtails using KTU's	Fibers	Trays	Fibers	Trays	Fibers	Trays	Fibers	Trays
Single circuit splicing capacity	16	8	24	12	48	24	72	36
R4/R8 splicing capacity	32	4	56	7	104	13	152	19
R12 splicing capacity	24	2	48	4	96	8	144	12
Splicing cable to pigtail using connector adapters	Connectors		Connectors		Connectors		Connectors	
	12		24		36		48	

tyco

Electronics

Tyco Electronics Raychem NV

Diestsesteenweg 692

3010 Kessel-Lo, Belgium

Tel 32-16 351 011 (USA) 1-919-557-8900

Fax 32-16 351 697 (USA) 1-919-557-8498

www.tycoelectronics.com

www.telecomosp.com

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2113 Marydale Avenue * Williamsport, Pa 17701
ph 800.326.9444 * fx 570.322.5373
www.cable-services.com