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LGX Modular Patch Panel Chassis 4U

RIK-COM LGX Modular Patch Panel Chassis 4U is designed to mount various equipment compatible with the LGX Format such as MTP LGX Modular Cassette and the LGX Splice Cassette both able to fit 12 cassettes allowingup to the maximum capacity of 576 fibres.

Features & Benefits

- Design for 19 inch cabinet and rack Universal modular design
- 4U patch panel equipped with pull-out cable tray, front and rear access opening
- 4U patch panel equipped with metal handle in the front
- Cable route identification, Snap in latch, easy installation and maintenance
- Maximum capacity of 576 fibres
- Stores up to 12 sets of 12 port modules

Up to 576 Fibres   IP20 Rated   Rack Mountable

Technical Specifications

U Size	4U (178mm)
Width	435mm
Depth	313mm
Net Weight	7.3kgs
Packaged Weight	2.80kgs
Packaged Dimensions	435(w) * 55(h) * 260(d) mm
IP Rating	20
Cable Entries	Open rear
Mounting Adjustment Range	50mm
Material	1.2mm Cold Rolled Steel
Material Coating	Powder
Colour	RAL 9004
Operating Temperature	-40°C to +50°C
Accordance	TIA/EIA 568.C, ISO/IEC 11801, ENS50173, IEC60304,IEC61754, EN297-1
Compliant	RoHS, Reach/SVHC

Technical Drawings
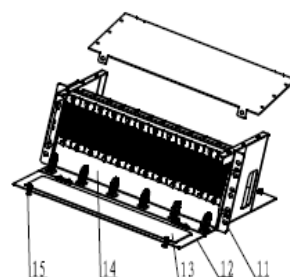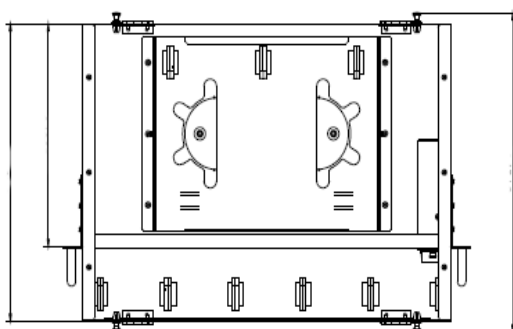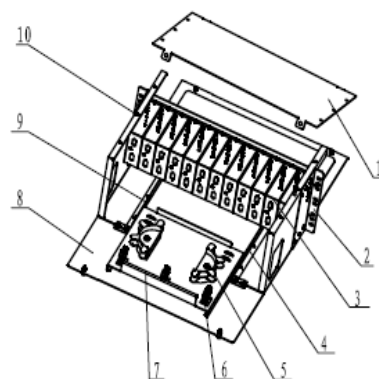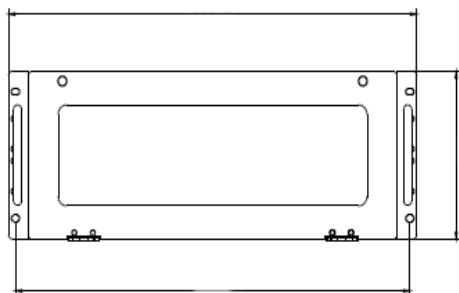
Available Configurations

Capacity (U)	Adapter Type	Duplex/Simplex	Fibre Type	MaxPorts	Max No. Fibres
4U	FC/ST	Simplex	Singlemode, Multimode, Empty	144	144
4U	SC (LC)	Simplex (Duplex)	Singlemode, Multimode, Empty	144	144 (288)
4U	SC (LC)	Duplex (Quad)	Singlemode, Multimode, Empty	144	288 (576)

RIK-COM LGX Modular cassettes have been designed to simplify installation, and offer users an easy to expand modular system For upgrading or maintenance purposes, cassettes can be easily unlocked and removed from the panel.

RIK-COM LGX Modular cassettes are factory pre-terminated and available in 6 duplex SC, and 6 and 12 duplex LC options. MTP connectors simply plug into the rear of the cassette, and inside preterminated multiple fibre cable splits out to either LC or SC connectors at the front.
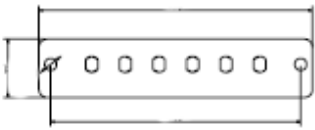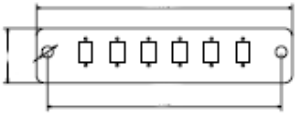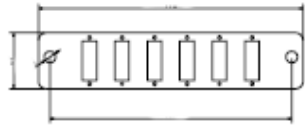
Features & Benefits

- Splits one or two 12-fibre MPO/MTP to LC duplex connectors
- Frontplate with LC duplex or quad adapter, rear plate
- Plug in and play design
- Light weight steel construction box, great protection to the fibre loaded inside
- Port labelling and serial numbered, efficient fibre identification, easy installation and maintenance
- Module snap on mounting design for easy installation

Up to 24 Fibres

IP20 Rated

Rack Mountable

Technical Specifications

Accordance	TIA/EIA 568.C, ISO/IEC 11801, ENS50173, IEC60304,IEC61754, EN297-1
Body Colour	RAL 9004
Body Material	1.2mm Cold Rolled Steel
Flammability	UL 94V-0
Operating Temperature	-40°C to +50°C
Width	33 mm
Depth	111mm
Height	127mm

Available Configurations

Adapter Type	Technical Drawings	Max No.Ports
FC/ST Simplex		6
SC/E2000 Simplex (LC Duplex)		6
SC Duplex (LC Quad)		6
BLANK		0

Ordering Information

Using the available configurations amend/create product codes using the formula below.

Cassette Type		Adapter Type		Fibre Type	
MTP LGX Cassette	MTPC	FC (Simplex Only)	FC	Unloaded	EM
		ST (Simplex Only)	ST	Singlemode Loaded	SM
		SC	SC	Multimode Loaded	MM
		LC	LC	Singlemode APC	SMA
		E2000	E2	Loaded	

MTPC	06	SC	SX	EM	BK

Port Density		Simplex / Duplex		Colour	
1 -6 Port	01 - 06	Simplex	SX	Black	BK
		Duplex	DX	Grey	GY
		Quad (LC Only)	QD	Beige	BE

LGX Modular Patch Panel Chassis 4U

RIK-COM LGX Splice Modular Cassette is designed to hold several different types of adapters, such as SC, LC, ST, FC and E2000.

The module is made of cold rolled steel, and the splice cassette is made of a PC/ABS blend.

The Splice Modular Cassette can hold up to 48 fibres and is compatible to fit 12 sets of 12 modules with the 4U LGX Chassis.

Features & Benefits

- Holds SC, LC, ST, FC and E2000 adapters
- Integrated bending radius limiter, ensuring proper guidance for pigtails
- Integrated banding radius limiter
- Integrated cable sub-tube with protection tube element
- Made from Cold rolled steel & PC/ABS blend
- Holds up to 48 fibres
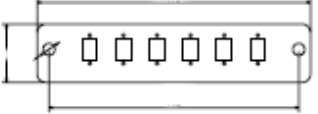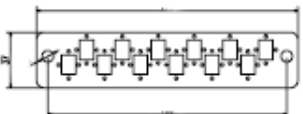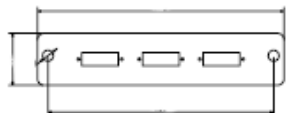- Compatible with the 4U LGX chassis

Up to 48 Fibres | IP20 Rated | Rack Mountable
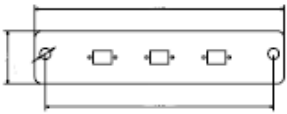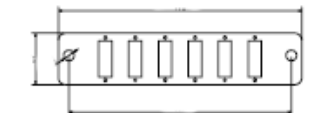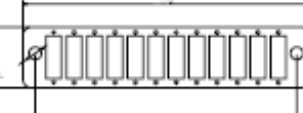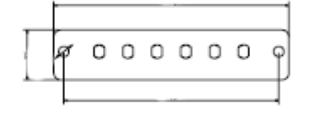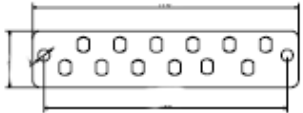
Technical Specifications

Front plate Material	Cold rolled steel
Body Colour	Orange
Body Material	PC/ABS blend
Flammability	UL 94V-0
Width	34mm
Depth	215mm
Height	120mm

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Available Configurations

Adapter Type	3 Port	6 Port	12 Port
SC Simplex LC/MU Duplex			
SC Duplex FC/ST Duplex LC/MU Quad			
FC/ST Simplex			
LC/MU Simplex			
Blank			

Ordering Information

Using the available configurations amend/create product codes using the formula below.

Cassette Type		Adapter Type		Fibre Type	
LGX Splice Cassette Module	LGXC	FC (Simplex Only)	FC	Unloaded	EM
		ST (Simplex Only)	ST	Singlemode Loaded	SM
		SC	SC	Multimode Loaded	MM
		LC	LC	Singlemode APC Loaded	SMA
		E2000	E2		

LGXC	12	SC	SX	EM	BK

Port Density		Simplex / Duplex		Colour	
1 - 12 Port	01 - 12	Simplex	SX	Black	BK
		Duplex	DX	Grey	GY
		Quad (LC Only)	QD	Beige	BE

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