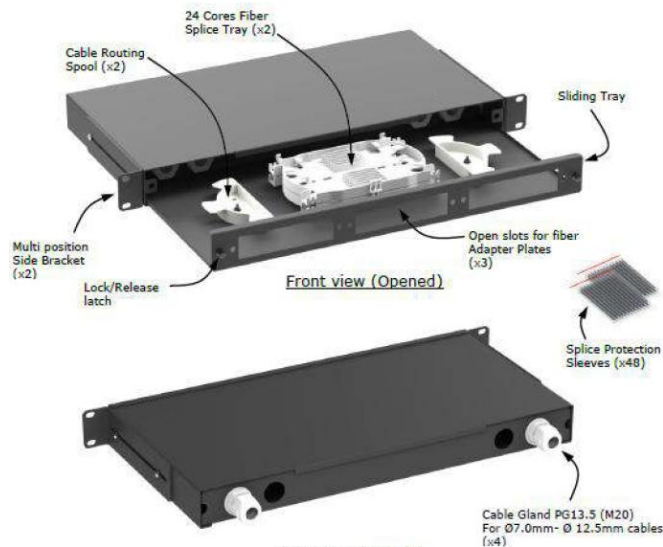


# FO Modular Panel 1U



**Genius 1U**, Fiber Optic Modular Rackmount Patch Panel can accept various removable F/O adapters plates. The panel provides the flexibility to configure and install various combinations of F/O adapters to support your applications. The panel can house up to 3 adapters plates with maximum capacity of 48 fibers (LC/SC Duplex adapters)

Applications: Indoor, Data centers, Data & telecommunication networks, premise installations, Ethernet, Fiber Channel, LAN, MAN and WAN

Each panel is shipped with 2 Splice Trays, 2 Fiber Spools, 4 Cable Glands and 48 Splice Protection Sleeves.

## Key Features

- Un-Loaded, High density, 1U can accept up to 48 fibers
- Modular design to support various removable fiber adapter plates
- Unit is designed to support both loose tube and pre terminated cables
- Flame retardant plastic parts
- Excellent fiber management System, protection and maintenance
- RoHS v3 Compliant
- Genius Network Brand Performance Warranty for 25 years

## Product Specification

Type of Panel	1U Sliding Unloaded
Panel Capacity	Max 48F
Panel Type	3 Cutout 1U Panel - Sliding
Type of adapter plate	3 cutout Xlight adapter plates (Non Fixed)
Panel Material	Steel
Panel Thickness	1.5mm
Panel Width	482.6mm - 19"
Panel Height	43.7mm - 1U
Panel Depth	222mm
Powder Type & finishing	Electrostatic powder Epoxy paint
Finishing Color	Black
Splice Try Material	ABS Resin UL94V0, Light Gray
Cable Spool Material	ABS & Nylon Resin UL94V0, Light Gray
PG Gland Material	ABS & Nylon Resin UL94V2, Light Gray
IP Rated	IP 20
Panel Weight	3KG
Package Weight	3.5Kg
Coupler Computability	FC Simplex, LC & SC Duplex
Shipping Dimension	85mmx500mmx300mm - 1Nos

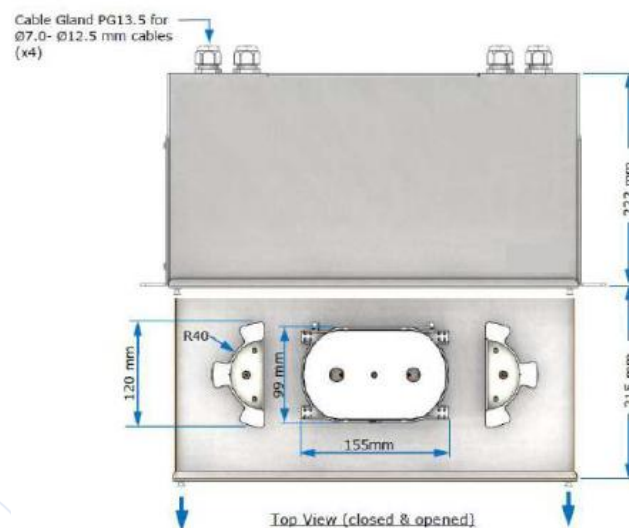
## Environmental Specification

Operating temperature	-20°C to +60°C
Storage Temperature	-25°C to +70°C
Installation Temperature	-20°C to +60°C

## Standards, certifications & Compliances

- RoHS v3 Compliant
- TSE: EN 61587-1 Mechanical Structures for Electronic Equipment - Tests for IEC 60917 and IEC 60297
- Compliant with Climatic and Environment EN 61587-1/4.2, IEC60068-2-1, IEC60068-2-2, IEC60068-2-30,
- Compliance with Earth Bond EN61587-1/6.2
- Compliance with Flammability Test - EN61587-1/6.3
- LSZH Jacketed Pigtail Compliant with IEC 61034-1, IEC- 60332-1, IEC- 60754-1 in Pre-loaded Panels
- Compliance with ANSI/TIA-568-C.3, ANSI/TIA-568.3-D, ANSI/TIA-568.3-E, ISO/IEC 11801& EN50173





## Technical Drawing



## Packing Items & Accessories

- Empty Panel - 1Nos
- Splice tray, 24F with splice sleeve double stack - 2Nos
- Cable routing mgt - 4Nos
- Splice Sleeve (Ø1.5xL60mm, ID= Ø1.1mm) - 48Nos
- Nylon Latch SLG-2M-B & SLPB-2M-B - 2Nos
- Cable Tie (Small)- 2.2 mmX100 mm - 4Nos
- PG 13.5 Gland - 4Nos
- Mounting Accessories – 1 set

## Adapter Plate Specification

F/O Modular Panel Adapters Plates- Description	Capacity	Image	P/N
Genius Adapter Plate 6 port LC Duplex SM Genius Adapter Plate 6 port LC Duplex MM	3 Adapters plates, 36 Fibers Per Panel		GFS2FAAPPCLCD6 GFM4FAAPPCLCD6
Genius Adapter Plate 8 port LC Duplex SM Genius Adapter Plate 8 port LC Duplex MM	3 Adapters plates, 48 Fibers Per Panel		GFS2FAAPPCLCD8 GFM4FAAPPCLCD8
Genius Adapter Plate 6 port SC Duplex SM Genius Adapter Plate 6 port SC Duplex MM	3 Adapters plates, 36 Fibers Per Panel		GFS2FAAPPCSCD6 GFM4FAAPPCSCD6
Genius Adapter Plate 8 port SC Duplex SM Genius Adapter Plate 8 port SC Duplex MM	3 Adapters plates, 48 Fibers Per Panel		GFS2FAAPPCSCD8 GFM4FAAPPCSCD8
Genius Adapter Plate 6 port SC Simplex SM	3 Adapters plates, 18 Fibers Per Panel		GFS2FAAPPCSCS6
Genius Adapter Plate 8 port SC Simplex SM	3 Adapters plates, 24 Fibers Per Panel		GFS2FAAPPCSCS8
Genius Adapter Plate Blank			GFUUFAPBBXXXX

## Ordering Information

Part Number	Product Description
GFUURMS1BLKXX	Genius Fiber Panel Rack Mount 24 port Unloaded Sliding 1U
GFS2RMS1LCD06	Genius Fiber Panel Rack Mount 6 port LC Duplex loaded 6 port Sliding 1U with 6 pigtails
GFS2RMS1LCD12	Genius Fiber Panel Rack Mount 6 port LC Duplex loaded 12 port Sliding 1U with 12 pigtails
GFS2RMS1LCD24	Genius Fiber Panel Rack Mount 6 port LC Duplex loaded 24 port Sliding 1U with 24 pigtails

