



TECHNICAL DATA SHEET

LIU Loaded Rackmount

Drawer Type

1U 19U fiber termination rackmount with integrated splice tray & cable management



MOUNTING 1U · 19" rack	CAPACITY 6/12/24/48 fibers	TYPE Drawer, fully loaded	MATERIAL CRS/ aluminium
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1. INTRODUCTION

The Genius LIU 1U drawer-type unit is a fiber rackmount with an enhanced, aesthetically superior design, built from specially treated ferrous metal finished in black matt powder coat. It allows termination of optical cables within the premises or from the central office, while its splice tray supports fusion splicing between outside-plant cable and pigtails.

The rackmount provides dedicated storage for spliced fiber and excess pigtail length, organised within cable-management rings that give highly effective strain relief through proper routing.

2. KEY FEATURES

- ✦ Suitable to mount in a standard 1U, 19" rack.
- ✦ Made of cold-rolled steel / aluminium, fully powder-coated in black.
- ✦ Drawer type construction for ease of maintenance.
- ✦ Assembled with adapters and pigtails, with splicing arrangement in the splice tray.
- ✦ Three cable-entry and three cable-exit hole types for different cable sizes, via cable glands covered with rubber grommets.
- ✦ Splices up to 24 fibers per splicing tray with ease.
- ✦ Supports 6/12/24 SC Simplex or 6/12/24/48 LC Duplex (2D/3D reference), and 6/12/24/48 SC Duplex (4D reference).
- ✦ Cable-management rings maintain flexibility of pigtails and excess fiber.
- ✦ Comprehensive accessory kit for cable entry and fiber management.



3. TECHNICAL SPECIFICATIONS

Adapter capacity	6 / 12 / 24 / 48 (SC Simplex / LC Duplex), assembled as per required product reference
Adapter panels	Fixed on drawer base
Splice tray	1 no. for 24 fibers · 2 nos. for 48 fibers
Pigtails	6 / 12 / 24 / 48 nos. (SC / LC), assembled as per required product reference
Accessories	Cable-management rings (6), cable glands PG13.5 (2), splice rods (24/48), blanking clips (on empty ports), Velcro ties (12), cable ties (6), cable inlet/outlet hole covers (2 types × 2 each), M6×16 screws (4)

4. MECHANICAL SPECIFICATIONS

Dimensions (L × W × H)	485 × 220 × 44.3 mm
Base material	Cold rolled steel/ aluminium with black powder coating
Splice tray material	ABS plastic — 220 × 90 × 15 mm (L × W × H)
Maximum fiber count	24 fiber (SC Simplex) · 48 fiber (LC Duplex / SC Duplex)
Fusion capacity	24 fiber maximum per splice tray

5. ENVIRONMENTAL SPECIFICATIONS & STANDARDS

Environmental	Standards
Storage temperature: –20°C to +70°C Installation temperature: –20°C to +70°C Operating temperature: –20°C to +70°C	ANSI/TIA 568-C.3 compliant ISO/IEC 11801 compliant RoHS compliant — Directive 2002/95/EC

6. ORDERING INFORMATION

Product Code	Description
GEN-LSMSLSCP-2D-06T	Genius Fiber LIU, Drawer, Loaded, 06 SM — 06 nos. SC Simplex adapters, 06 nos. SC Simplex pigtail
GEN-LSMSLSCP-2D-12T	Genius Fiber LIU, Drawer, Loaded, 12 SM — 12 nos. SC Simplex adapters, 12 nos. SC Simplex pigtail
GEN-LSMSLSCP-2D-24T	Genius Fiber LIU, Drawer, Loaded, 24 SM — 24 nos. SC Simplex adapters, 24 nos. SC Simplex pigtail
GEN-LSMDLSCP-4D-48T	Genius Fiber LIU, Drawer, Loaded, 48 SM — 24 nos. SC Duplex adapters, 48 nos. SC Simplex pigtail
GEN-LSMDLLCP-2D-06T	Genius Fiber LIU, Drawer, Loaded, 06 SM — 03 nos. LC Duplex adapters, 06 nos. LC Simplex pigtail
GEN-LSMDLLCP-2D-12T	Genius Fiber LIU, Drawer, Loaded, 12 SM — 06 nos. LC Duplex adapters, 12 nos. LC Simplex pigtail
GEN-LSMDLLCP-2D-24T	Genius Fiber LIU, Drawer, Loaded, 24 SM — 12 nos. LC Duplex adapters, 24 nos. LC Simplex pigtail
GEN-LSMDLLCP-3D-48T	Genius Fiber LIU, Drawer, Loaded, 48 SM — 24 nos. LC Duplex adapters, 48 nos. LC Simplex pigtail

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