# SNAP® Compact Fiber Optic Patch Panel



## Features & Benefits

» Compact size perfect for limited space enclosures

» UL Listed 1863

» Versatile surface or DIN-Rail mount capability

» Slide-hinged faceplate aids field termination

» Patch or fusion splice field termination standard

» Rugged metal construction with lifetime warranty

## Product Description

Compact DIN-Rail or surface mount fiber optic patch panel. Compact size allows minimum space requirements within control cabinetry. Device includes a splice tray to allow fusion splicing of field cabling (pigtails sold separately). Device features a sliding faceplate with capture mechanism to allow patch panel to be kept open "hands-free".

## Product Variants

| Part Number | External Interface | Internal Interface | Fiber Optic Wavelength |
|---|---|---|---|
| SNAP-12ST-MM | 6ea. ST duplex connectors. | 6ea. ST duplex connectors. | Multimode |
| SNAP-12ST-SM | 6ea. ST duplex connectors. | 6ea. ST duplex connectors. | Singlemode |
| SNAP-12ST-SC-MM | 6ea. ST duplex connectors. | 6ea. SC duplex connectors. | Multimode |
| SNAP-12ST-SC-SM | 6ea. ST duplex connectors. | 6ea. SC duplex connectors. | Singlemode |
| SNAP-12SC-MM | 6ea. SC duplex connectors. | 6ea. SC duplex connectors. | Multimode |
| SNAP-12SC-SM | 6ea. SC duplex connectors. | 6ea. SC duplex connectors. | Singlemode |
| SNAP-24LC-MM | 6ea. LC quad connectors. | 6ea. LC quad connectors. | Multimode |
| SNAP-24LC-SM | 6ea. LC quad connectors. | 6ea. LC quad connectors. | Singlemode |

Custom fiber optic adapter variations are available via special order. Contact us.

## Specifications

**Standards:** UL Listed 1863 (Communications-Circuit Accessories), CE
**Operating temperature:** -40°C to 75°C
**Storage/transport temperature:** -40°C to 80°C
**Relative humidity** (non-condensing)**:** 10% to 95%
**Insertion Loss:** ≤.3dB (Multimode), ≤.2dB (Singlemode)
**Plug/Unplug Durability:** 1000 times

## Mechanical Construction

**Dimensions with adapters installed:** (H x D x W) 6.25" x 5.125" x 2.75"
**Mounting Options:** Rear DIN-Rail, side DIN-Rail or surface mount
**Weight:** 1.5 lbs.
**Protection class:** IP20

## Materials of Construction

**Patch panel body and faceplate:** 18 gauge powder-coat painted steel
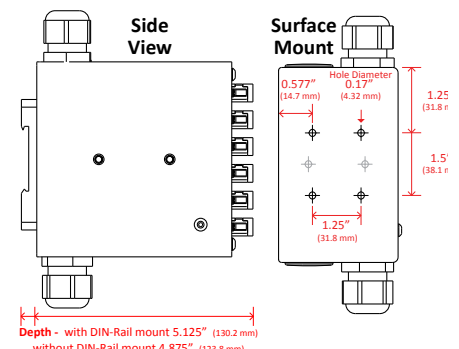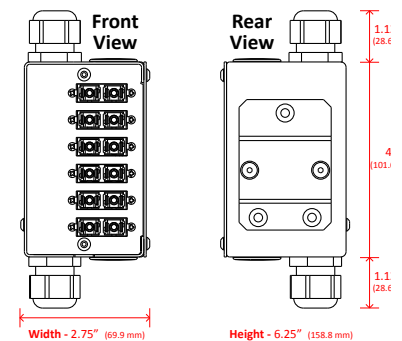**Fiber optic adapters:** UL 90 V-0 Thermoplastic
**Cable Glands:** Plastic with max. cable diameter of 12mm (14mm max. also available)

## Warranty

Lifetime warranty on materials and workmanship.

## Scope of Delivery and Accessories

**Scope of delivery:** Patch panel, DIN-Rail mounting adapter, 2ea. cable glands.



**Front View**

**Rear View**

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1.1 (28.6

**Width - 2.75"** (69.9 mm)

**Height - 6.25"** (158.8 mm)

**Side View**

**Surface Mount**

Hole Diameter 0.17" (4.32 mm)

0.577" (14.7 mm)

1.25 (31.8

1.5" (38.1

1.25" (31.8 mm)

**Depth -** with DIN-Rail mount 5.125" (130.2 mm)
without DIN-Rail mount 4.875" (123.8 mm)

# SNAP® XL Compact Fiber Optic Patch Panel

**DINSpace**

## Features & Benefits

» Compact size perfect for limited space enclosures

» UL Listed 1863

» Versatile surface or DIN-Rail mount capability

» Slide-hinged faceplate aids field termination

» Patch or fusion splice field termination standard

» Rugged metal construction with lifetime warranty

## Product Description

Compact DIN-Rail or surface mount fiber optic patch panel. Compact size allows minimum space requirements within control cabinetry. Device includes splice trays to allow fusion splicing of field cabling (pigtails sold separately). Device features a sliding faceplate with capture mechanism to allow patch panel to be kept open "hands-free".

## Product Variants

| Part Number | External Interface | Internal Interface | Fiber Optic Wavelength |
|---|---|---|---|
| SNAPXL-24ST-MM | 12ea. ST duplex connectors. | 12ea. ST duplex connectors. | Multimode |
| SNAPXL-24ST-SM | 12ea. ST duplex connectors. | 12ea. ST duplex connectors. | Singlemode |
| SNAPXL-24ST-SC-MM | 12ea. ST duplex connectors. | 12ea. SC duplex connectors. | Multimode |
| SNAPXL-24ST-SC-SM | 12ea. ST duplex connectors. | 12ea. SC duplex connectors. | Singlemode |
| SNAPXL-24SC-MM | 12ea. SC duplex connectors. | 12ea. SC duplex connectors. | Multimode |
| SNAPXL-24SC-SM | 12ea. SC duplex connectors. | 12ea. SC duplex connectors. | Singlemode |
| SNAPXL-48LC-MM | 12ea. LC quad connectors. | 12ea. LC quad connectors. | Multimode |
| SNAPXL-48LC-SM | 12ea. LC quad connectors. | 12ea. LC quad connectors. | Singlemode |

Custom fiber optic adapter variations are available via special order. Contact us.

## Specifications

**Standards:** UL Listed 1863 (Communications-Circuit Accessories), CE
**Operating temperature:** -40°C to 75°C
**Storage/transport temperature:** -40°C to 80°C
**Relative humidity** (non-condensing)**:** 10% to 95%
**Insertion Loss:** ≤.3dB (Multimode), ≤.2dB (Singlemode)
**Plug/Unplug Durability:** 1000 times

## Mechanical Construction

**Dimensions with adapters installed:** (H x D x W) 7.75" x 5.75" x 3.5"
**Mounting Options:** Rear DIN-Rail, side DIN-Rail or surface mount
**Weight:** 2.3 lbs.
**Protection class:** IP20

## Materials of Construction

**Patch panel body and faceplate:** 18 gauge powder-coat painted steel
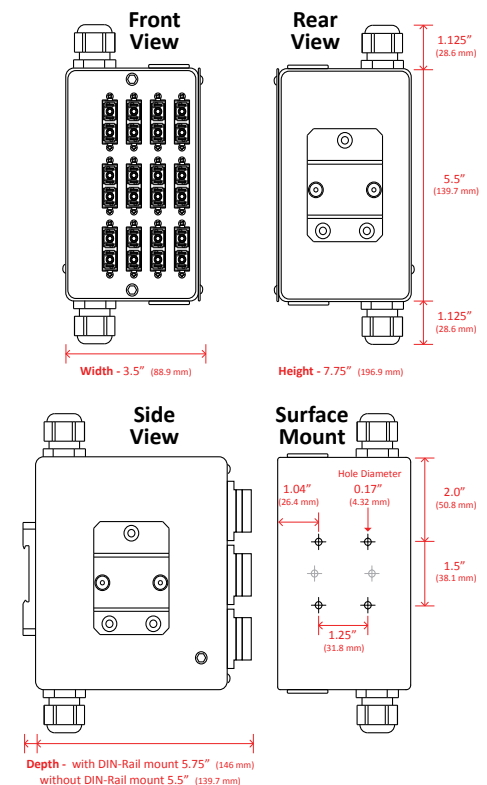**Fiber optic adapters:** UL 90 V-0 Thermoplastic
**Cable Glands:** Plastic with max. cable diameter of 12mm (14mm max. also available)
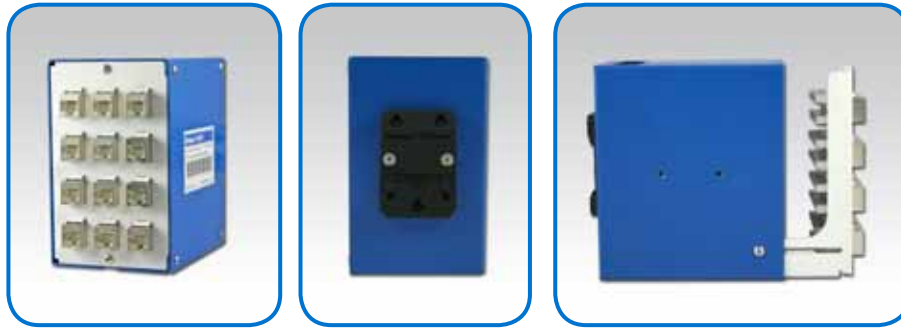
## Warranty

Lifetime warranty on materials and workmanship.

## Scope of Delivery and Accessories

**Scope of delivery:** Patch panel, DIN-Rail mounting adapter, 2ea. cable glands.

**Front View**

**Rear View**
1.125" (28.6 mm)
5.5" (139.7 mm)
1.125" (28.6 mm)

Width - 3.5" (88.9 mm)

Height - 7.75" (196.9 mm)

**Side View**

**Surface Mount**
Hole Diameter
1.04" (26.4 mm)
0.17" (4.32 mm)
2.0" (50.8 mm)
1.5" (38.1 mm)
1.25" (31.8 mm)

Depth - with DIN-Rail mount 5.75" (146 mm)
without DIN-Rail mount 5.5" (139.7 mm)

# SNAP® Cu Compact Shielded CAT 6 Patch Panel



## Features & Benefits

» Compact size perfect for limited space enclosures

» UL Listed 1863

» Versatile surface or DIN-Rail mount capability

» Slide-hinged faceplate aids field termination

» Rugged metal construction with lifetime warranty

» ROHS Compliant Construction

## Product Description

Compact DIN-Rail or surface-mount Ethernet shielded CAT 6 patch panel. Keystone jacks are backwards compatible with CAT 5 cabling. Compact size allows minimum space requirements within control cabinetry. Device includes large openings on top and bottom of the patch panel to accommodate a large volume of field Ethernet cabling.  Device features a sliding faceplate with capture mechanism to allow patch panel to be kept open "hands-free".

| Part Number | External Interface | Internal Interface |
|---|---|---|
| SNAP-Cu-12 | 12ea. RJ45 shielded CAT 6 jacks | CAT 6, T 568A/B punch down |

## Product Specifications

**Standards:** UL Listed 1863 (Communications-Circuit Accessories), CE

## Adapter Wiring Standards

**Keystone jacks:** Punch down CAT 6 shielded, Class E, TIA/EIA 568A/B
**Jack standards:** TIA/EIA-568B-B.2.1 CAT 6, ISO/IEC 11801 2nd edition, EN 50173 2nd edition, IEC60603-7
**Field cabling:** Accepts AWG 23~26 solid wire

## Electrical Rating

**Current rating:** 1.5 Amps
**Insulation resistance:** 500 M ohms Minimum
**Contact resistance:** 20 M ohms Maximum
**DC resistance:** 0.1 ohms Maximum

## Ambient Conditions

**Operating temperature:** -40ºF to 150ºF (-40ºC to 68ºC)
**Storage/transport temperature:** -40ºF to 150ºF (-40ºC to 68ºC)

## Mechanical Construction

**Dimensions with adapters installed:** (H x D x W) 5.5" x 5.33" x 3.43"
**Mounting options:** Rear DIN-Rail, side DIN-Rail or rear surface
**Weight:** 2 lbs.
**Protection class:** IP20

## Materials of Construction

**Patch panel body and faceplate:** 18 gauge powder-coat painted steel
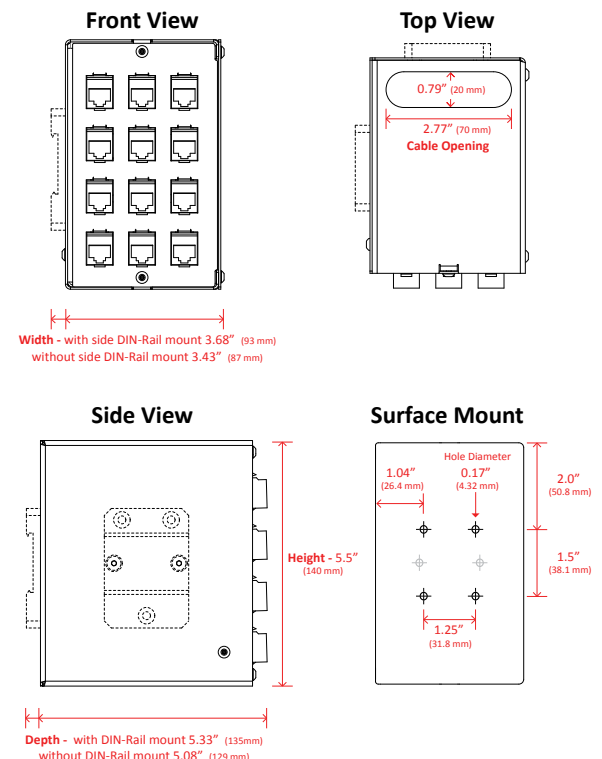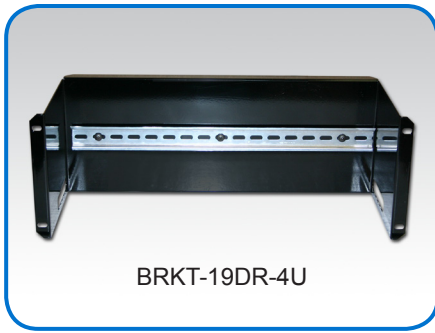**CAT 6 jacks:** Thermoplastic body with steel plated-tin, electrolytic (SPTE) shield

## Warranty

Lifetime warranty on materials and workmanship

## Scope of Delivery and Accessories

Patch panel, 12ea. keystone-style shielded CAT 6 jacks, punch-down tool, DIN-Rail mounting adapter

**Front View**

**Top View**

0.79" (20 mm)
2.77" (70 mm)
**Cable Opening**

Width - with side DIN-Rail mount 3.68" (93 mm)
without side DIN-Rail mount 3.43" (87 mm)

**Side View**

Height - 5.5" (140 mm)

**Surface Mount**

Hole Diameter
1.04" (26.4 mm)
0.17" (4.32 mm)
2.0" (50.8 mm)
1.5" (38.1 mm)
1.25" (31.8 mm)

Depth -  with DIN-Rail mount 5.33" (135mm)
without DIN-Rail mount 5.08" (129 mm)

# SNAP 19" Rackmount DIN-Rail Adapter Brackets

**DINSpace**

BRKT-19DR-4U

BRKT-19DR-5U-CM

## Features & Benefits

» One-piece construction with no assembly required

» Keeps cabinet tidy with optional cable management

» Rugged steel construction with lifetime warranty

» Supports up to 50lbs of DIN-Rail equipment

## Product description

SNAP 19" rackmount DIN-Rail adapter brackets allow you to mount standard 35mm DIN-Rail devices within your 19" rack or cabinet. Constructed of heavy-duty powder-coated 16-gauge steel, the adapter brackets each support up to 50 pounds of weight. Available in two configurations, the 5U version features a built-in cable management system to help keep your cables organized, while the slender 4U design allows you to optimize your cabinet storage capacity.

## Product Variants

| Part Number | Rackspace Requirements | Cable Management |
|---|---|---|
| BRKT-19DR-4U | 4U | None |
| BRKT-19DR-5U-CM | 5U | Included |

## Ambient Conditions

Operating temperature:  -40°C - 80°C
Storage/transport temperature:  -40°C - 80°C

## Mechanical Construction

### Rack Dimensions
**BRKT-19DR-4U:**  (H x D x W) 6.75" x 6.75" x 19"
**BRKT-19DR-5U-CM:**  (H x D x W) 8.65" x 6.75" x 19"

**Mounting:** 19" rackmount via four mounting holes
**Weight:**  5lbs.
**Protection class:**  IP20
**DIN-Rail Depth -** 7.5mm

## Materials of Construction
**Body:**  16-gauge powder-coat painted steel
**DIN-Rail:**  Steel
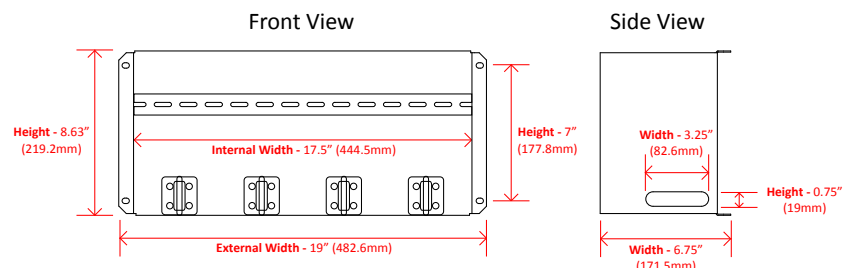**Optional Cable Management:**  Thermoplastic

## Warranty
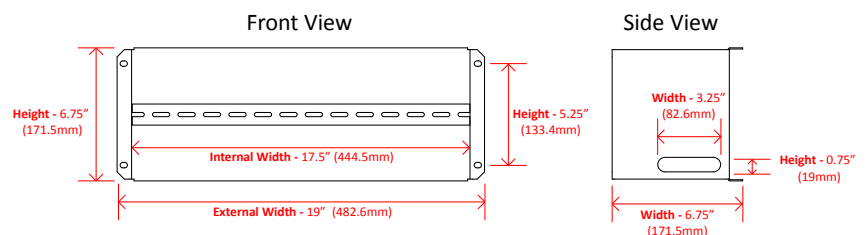Lifetime warranty on materials and workmanship

## Scope of Delivery
**BRKT-19DR-4U:**  Rackmount adapter
**BRKT-19DR-5U-CM:**  Rackmount adapter, 4ea. pre-mounted cable management guides

### BRKT-19DR-5U-CM Rackmount Adapter Bracket with Cable Management

Front View

Height - 8.63" (219.2mm)
Internal Width - 17.5" (444.5mm)
External Width - 19" (482.6mm)

Side View

Height - 7" (177.8mm)
Width - 3.25" (82.6mm)
Height - 0.75" (19mm)
Width - 6.75" (171.5mm)

### BRKT-19DR-4U Rackmount Adapter Bracket

Front View

Height - 6.75" (171.5mm)
Internal Width - 17.5" (444.5mm)
External Width - 19" (482.6mm)
Height - 5.25" (133.4mm)

Side View

Width - 3.25" (82.6mm)
Height - 0.75" (19mm)
Width - 6.75" (171.5mm)

**Note:** Pigtails Sold Individually

## R30086          Splice Protections ANT

030.0094



**Warranty**
Acc. To GBT

**Description**
Crimp splice protection type (ANT) for single fibers.
Material: sheet plate parts, inside coated with permanently elastic material.
Dimensions: 1.2x3.2x30 mm (WxHxD).

**Weight**
0.000G

**Technical Data**

| Material | Sheet metal part with permanently elastic insulation material |
|---|---|
| Dimensions | 1.2 x 3.2 x 30 mm |
| Dispatch weight | 0.000 |
| Unit of dispatch weight | G |

## Lifetime Limited Warranty

DINSpace guarantees all of its standard products to be of first-class construction and provides a lifetime warranty against any defects in material and workmanship. The warranty does not apply to damage caused by abnormal or unreasonable use of any of the products (including repairs or alterations other than by DINSpace technical support). This warranty is in place of all other warranties, including warranty of fitness for a particular purpose and warranty of merchantability and excludes any liability for incidental or consequential damages.

### Repairs

If your DINSpace product has a manufacturer's defect covered by our warranty, we will either repair or replace it, at our option, without charge. Please contact DINSpace customer support to describe the issue, and if a return is deemed necessary to resolve the issue, a Return Merchandise Authorization (RMA) number will be issued. No returns will be accepted without an RMA number. Send to the address below. Include your name, address, phone number and the RMA number with your return. A product not covered by the warranty can be repaired. Note that repair costs and handling charges may apply. If so, you will be notified prior to any service.

### Address

DINSpace - Service Center
16415 Addison Road, Suite 370
Addison, TX 75001