MAIN STRUCTURE

DESCRIPTION

Insheild Fiber Patch Panels are designed with superior features and provide high density connectivity suitable for datacenters. 1U High density fiber optic distribution box for fiber trunk connection and wiring management in Data Center MDA, IDA or HAD distribution area.

FEATURES

- 1U High-density Fiber Distribution Enclosure Can Install 4 MPO Pre-terminated Boxes Or Adapter Mounting Plates, Up to 4 Duplex LC Adapter Mounting Plates Up to 96 cores can be Managed, and Simplex SC Adapters to Manage the Largest Managed Fibers the number of cores is up to 48 cores.
- The body is made of cold rolled steel sheet, with electrostatic spraying.. Maximum amount of fibers can be patched and spliced in a fiber enclosure from both indoor and OSP cables without compromising accessibility. This allows more efficient utilization of rack space
- Adopt modularized structure to upgrade and maintain conveniently
- Fiber distribution frame design includes cable management arm and label strip
- Patch panel is easy to install, convenient management and other advantages
- Designed for fibre optic termination.
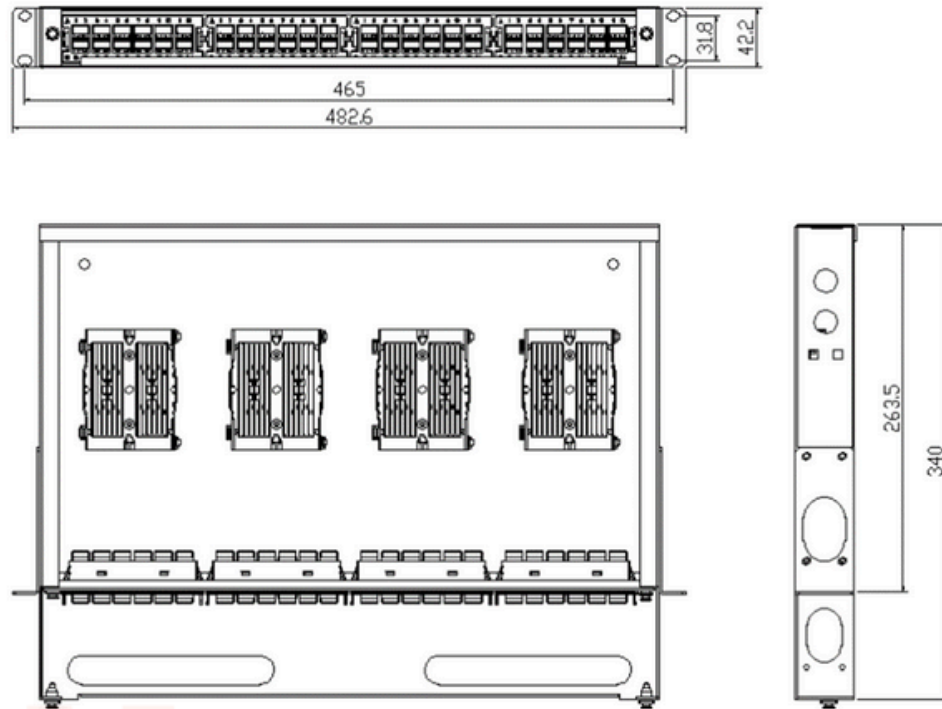- Fixed type Splice tray to access pigtails available
- RoHs compliant.

APPLICATION

- Data Centers
- LAN & WAN Networking
- Telecommunications
- Audio / Video System
- Security System

STANDARDS

- ANSI/TIA-568-C.3
- 19", ETSI or 23" rack mount
- ISO/IEC 11801
- En50173,
- IEC61754
- EN-297-1

INSHEILD

TECHNICAL DRAWING

DESIGN & MATERIAL

Parameters	Value/Value Range
Mounting Type	Rack
Color	Black or Beige or white
Material	Cold rolled carbon sheet steel with electrostatic spraying
Cable Port Max.	2/4/2025
'U' Size	1U- LC Port 96 / SC Port 48
Cassette (splices trays)	4-Cassette
Environment Temperature- Relative	-40°C to +80°C
Humidity	≤ 85 % (30 degree)
Atmosphere Pressure	70-106 Kpa
Insulation Resistance	≥ 20M Ohm/500V (DC)
Intensity	≤ 15kv(DC) /1min.no spark-over and no flying arc
Curvature radius	≥ 40 mm

ORDERING INFORMATION

Part Number	Description	Dimension (W X D X H) in mm
IN-1SCS024PX	1U 19" SC Simplex 24 Port Duplex Fibre Unloaded Patch Panel Rack Mount	482.6 X 340 X 42.2
IN-1SCS048PX	1U 19" SC Simplex 48 Port Duplex Fibre Unloaded Patch Panel Rack Mount	482.6 X 340 X 42.2
IN-1LCD024PX	1U 19" LC Duplex 24 Port Duplex Fibre Unloaded Patch Panel Rack Mount	482.6 X 340 X 42.2
IN-1LCD048PX	1U 19" LC Duplex 48 Port Duplex Fibre Unloaded Patch Panel Rack Mount	482.6 X 340 X 42.2
IN-1LCD096PX	1U 19" LC Duplex 96 Port Duplex Fibre Unloaded Patch Panel Rack Mount	482.6 X 340 X 42.2

X: BK(Black), BG(Beige), WH(White)

ORDERING INFORMATION

Part Number	Description	Inner Box	Carton	Carton Measurement	Weight
IN-1SCS024PX	1U 19" SC Simplex 24 Port Duplex Fibre Unloaded Patch Panel Rack Mount	1PC	5PC	53.5cm× 31.3cm × 23.4cm	5.00KG
IN-1SCS048PX	1U 19" SC Simplex 48 Port Duplex Fibre Unloaded Patch Panel Rack Mount	1PC	5PC	53.5cm× 31.3cm × 23.4cm	5.00KG
IN-1LCD024PX	1U 19" LC Duplex 24 Port Duplex Fibre Unloaded Patch Panel Rack Mount	1PC	5PC	53.5cm× 31.3cm × 23.4cm	5.00KG
IN-1LCD048PX	1U 19" LC Duplex 48 Port Duplex Fibre Unloaded Patch Panel Rack Mount	1PC	5PC	53.5cm× 31.3cm × 23.4cm	5.00KG
IN-1LCD096PX	1U 19" LC Duplex 96 Port Duplex Fibre Unloaded Patch Panel Rack Mount	1PC	5PC	53.5cm× 31.3cm × 23.4cm	5.00KG