

APPLICATION

The SmartPatch Intelligent Patching System 1U 19" Fibre Optic Patch Panels have been designed to optimise both the internal fibre management but also to add greater fibre density. The patch panels offer a flexible and highly versatile solution for optical splicing and patching. The panel's shallow depth allows it to be installed within the majority of standard racks and wall mounted enclosures. The integrated design features ensure that even once installed panels can be readily re-configured to accommodate the changing needs of today's high speed networks. Each panel can be equipped with a RFID antenna to make it intelligent to allow the monitoring and recording of patching status. This information is communicated back to the software via a network scanner. The LEDs above each port are used to trace connectivity or to offer patching guidance to the engineer.

FEATURES

- 19" rack compatible
- Can be supplied with or without 24 LED RFID antenna strip and electronic module
- Clip on antenna strip and electronic RFID module can be retrofitted to pre-installed IPSC1SXxM48LC2-X panels
- Power consumption 1.5W with Antenna Kit fitted
- Power input by bus cable from BNB Scanner
- Durable powder coat finish in black (RAL9005)



ORDER INFO

Brand-Rex Part Number	Item Description	Colour	Weight per Item (nom)	Qty per Pack
IPSC1SXMM48LC2-X	1U 48 Fibre LC Duplex Multimode Fibre Panel IPS Ready	Black	3.5kg	1
IPSC1SXSM48LC2-X	1U 48 Fibre LC Duplex Singlemode Fibre Panel IPS Ready	Black	3.5kg	1
IPSC1SXMM48LC2	1U 48 Fibre LC Duplex Multimode Fibre Panel IPS	Black	3.6kg	1
IPSC1SXSM48LC2	1U 48 Fibre LC Duplex Singlemode Fibre Panel IPS	Black	3.6kg	1
IPSATTRFID002	Fibre Antenna Kit containing RFID antenna and electronic module, antenna mounting studs, jumper cable & Bus cable connector.	Black	25g	1

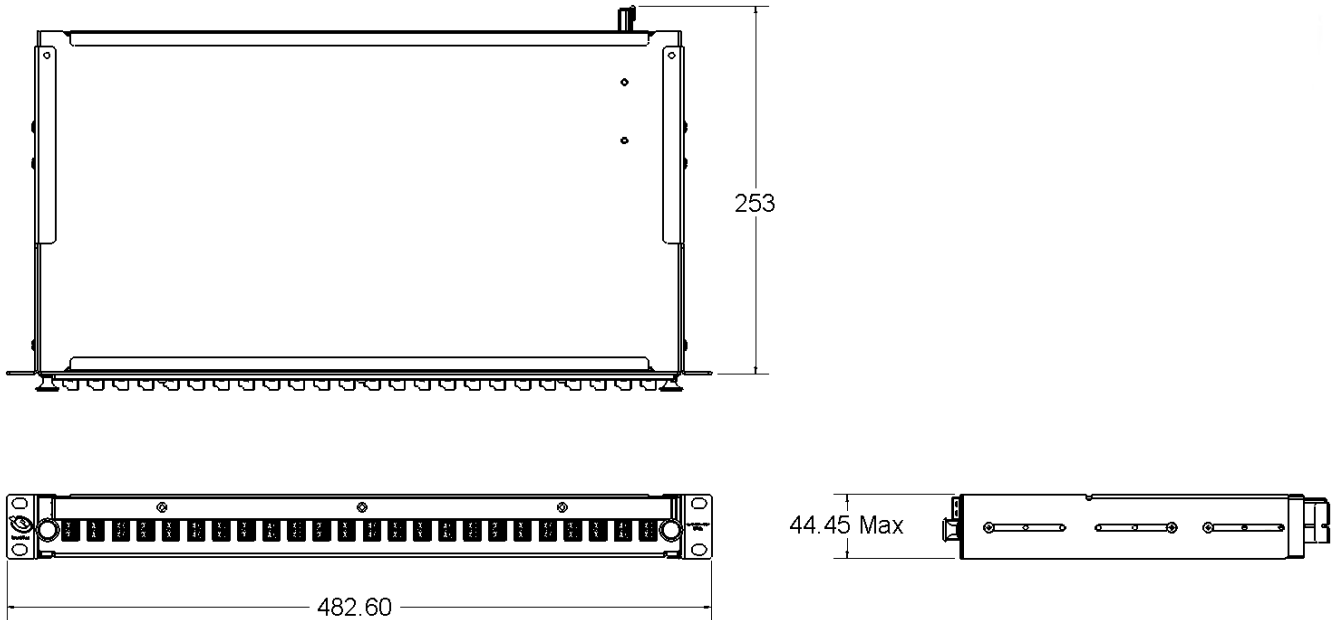
MATERIALS

- Powder coated plain carbon steel
- ABS antenna, bus connectors & RFID module casings
- FR-4 PCB
- Silicon electronic components

ENVIRONMENTAL CONDITIONS

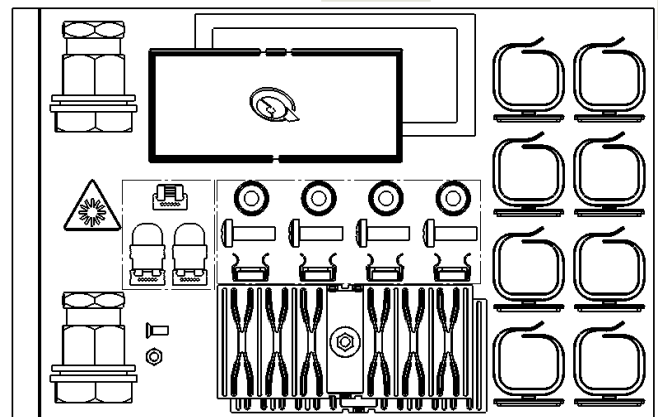
- Operating temperature from 0°C to 55°C (32°F to 131 °F) at 95% relative humidity, non-condensing
- Storage temperature from -20°C to 85°C (-4°F to 185°F) at relative humidity 0 to 95%, non-condensing
- Storage elevation 0 to 15,000 meters (0 to 50,000 feet)
- Online thermal dissipation max. 5 BTU/h

PHYSICAL CHARACTERISTICS



PANEL KIT CONTENTS

- 8 x Adhesive management rings
- 1 x Laser warning label
- 2 x 24 way stackable splice bridges
- 1 x Splice bridge cover
- 1 x Adhesive splice bridge mounting pad
- 2 x M25 glands & lock nuts for cable Ø8 -13mm
- M3 screw & nut for alternate splice bridge mounting
- 4 x M5 cup washers black
- 4 x M5 x 16mm POZIDRIVE Screws Black
- 4 x M5 cage nuts plated
- 1 x Bus cable connector*
- 2 x Transponder connectors*



Panel kit

*Only supplied with panels fitted with antenna kits

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