SmartPatch™ Fiber LC Panels

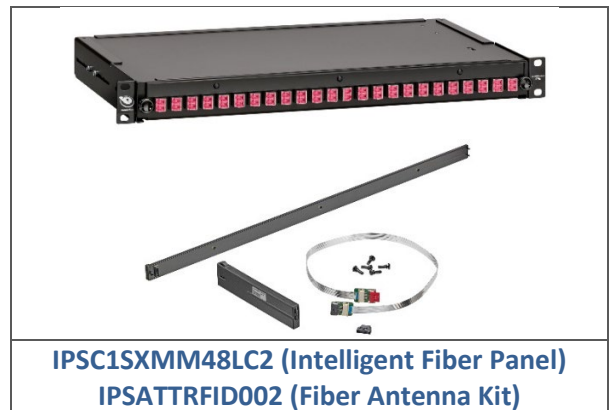Datasheet: GD102274v10

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APPLICATION

SmartPatch Fiber LC Panels enable the monitoring and recording of patching status for optical fiber networks. Intelligent panels communicate with and receive power from the SmartPatch network scanner, which in turn communicates with the SmartPatch software over the network. LEDs above each port are used to trace connectivity or to offer patching guidance.

SmartPatch Fiber LC Panels are available with RFID antenna strip included or as an intelligent-ready panel without the antenna. SmartPatch Fiber LC Panels are 1RU high, and support 48 fibers with 24 duplex LC adapters. Intelligent and Intelligent-Ready Fiber Panels are available to support multimode or single-mode fiber cabling.

FEATURES

- Available to support multimode and single-mode fiber cabling
- 19" rack compatible
- Supplied with or without 24 LED RFID antenna strip and electronic module
- Available with RFID antenna strip or and intelligent-ready panel without the antenna
- Intelligent panel power consumption 1.5W
- Power supplied by bus cable from SmartPatch Scanner

IPSC1SXMM48LC2 (Intelligent Fiber Panel)
IPSATTRFID002 (Fiber Antenna Kit)

ORDER INFO

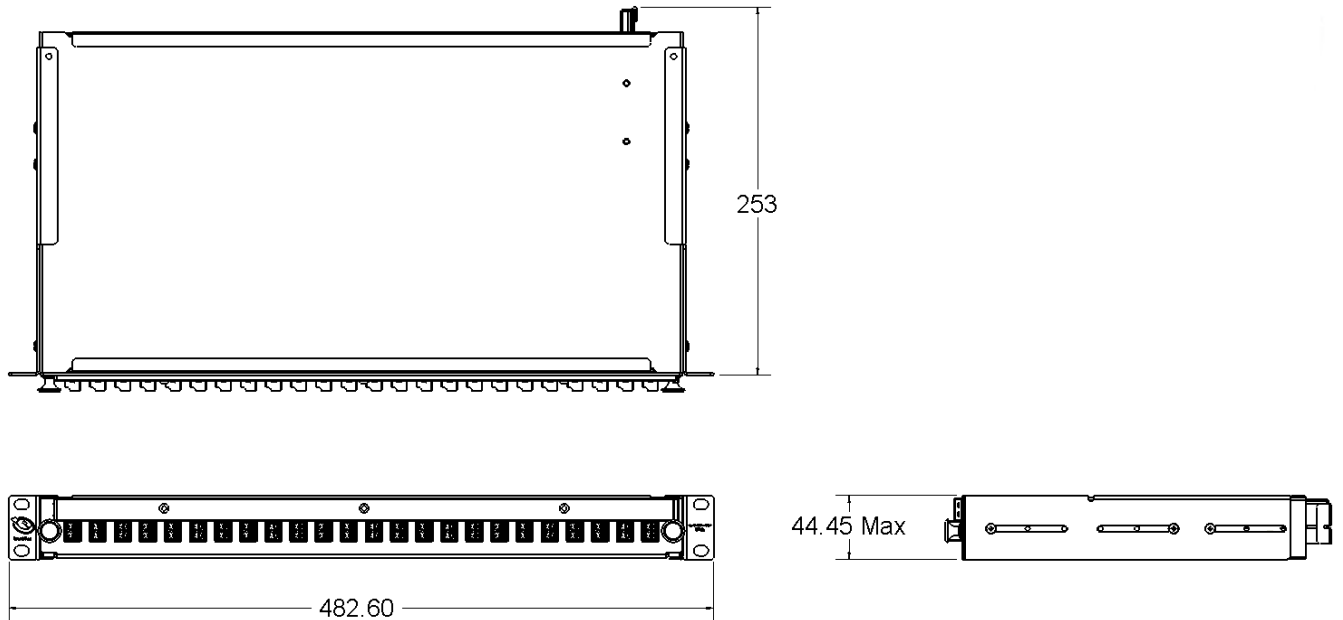| Part Number	Item Description	Color	Weight Per Item (Nominal)	Qty Per Pack
IPSC1SXMM48LC2	SmartPatch Intelligent Fiber Panel 1RU 24 Duplex LC multimode (includes RFID antenna)	Black	3.6kg	1
IPSC1SXSM48LC2	SmartPatch Intelligent Fiber Panel 1RU 24 Duplex LC single-mode (includes RFID antenna)	Black	3.6kg	1
IPSC1SXMM48LC2-X	SmartPatch Intelligent-Ready Fiber Panel 1RU 24 Duplex LC multimode	Black	3.5kg	1
IPSC1SXSM48LC2-X	SmartPatch Intelligent-Ready Fiber Panel 1RU 24 Duplex LC single-mode	Black	3.5kg	1
IPSATTRFID002	SmartPatch Fiber Antenna Kit	Black	25g	1

MATERIALS

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

ENVIRONMENTAL CONDITIONS

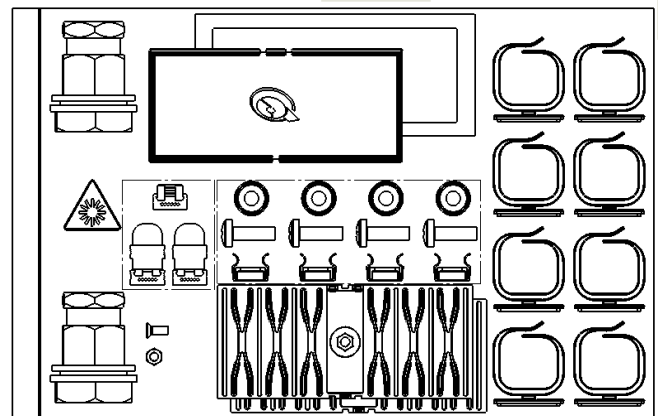| Operating Temperature*	0°C to 55°C (32°F to 131°F)	Operating Elevation	0 to 3000 meters (0 to 10,000 ft)
Storage Temperature*	20°C to 85°C (-4°F to 185°F)	Storage Elevation	0 to 15,000 meters (0 to 50,000 ft)
Max Online Thermal Dissipation	5 BTU/h		

Temperature at 0 to 95% relative humidity, non-condensing

PANEL DIMENSIONS (mm)

PANEL KIT CONTENTS

ITEM	Quantity
Adhesive management rings	8
Laser warning label	1
24-Way stackable splice bridges	2
Splice bridge cover	1
Adhesive splice bridge mountain pad	1
M25 Glands and lock nuts for cable Ø8 -13mm	2
M5 Cup washer (black)	4
M5 x 16mm POZIDRIVE screws (black)	4
M5 Cage nuts (plated)	4
Bus cable connector (Intelligent Panels only)	1
Transponder connectors (Intelligent Panels only)	2
M3 Screw and nut for alternate splice bridge mounting	1

*"Leviton is **dedicated** to **designing**, **developing**, and **manufacturing***

*sustainable **high-performance** structured cabling and speciality **cabling solutions.**"*

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