

LC Fiber Adapter Panels IP5x Automatic Dust Shield - No Dust Caps required



Ultimate Dust Protection

OptoSpan Select Series 12F/24F Single-mode and Multimode Adapter Panel features an IP5x compliant automatic dust shield (No Dust Caps required on front side) that covers the entire adapter opening. This rattle-free LC adapter panel makes use of advanced LC adapters with a unibody design that eliminates laser eye exposure while also providing the most effective dust and contaminant protection. The dust shield automatically opens when the LC connector is inserted and shuts when it is removed.

These Select Series Adapter Panels are compatible with OptoSpan RM Series (Rack Mount), WM Series (Wall Mount) and NP Series (Outdoor Waterproof) patch panels. They are frequently employed in a diverse range of applications, including data center enclosures, telecommunication networks and enterprise networks. These Automatic Dust Shield Adapter Panels are crucial to keeping fiber optic networks running smoothly and efficiently because of the roles they play in organizing and safeguarding fiber optic connections.



Automatic Dust Shield



VFL Port Identification

Key Features and Benefits:

100% Automatic	Automatic Dust Protection Shutters – No Dust Caps Required
IP5x rated	IEC 60529 IP5x rated dust protection compliant
Low Insertion loss	Insertion loss (typical); 0.2dB or less
Compatible with full line of OptoSpan Select Series Panels	Compatible with OptoSpan RM Series (Rack Mount), WM Series (Wall Mount) and NP Series (Outdoor Waterproof) patch panels
Available in Single-mode and Multimode	12 Fiber and 24 Fiber Panels available in Single-mode (Blue Adapters) and Multimode (Aqua Adapters)
Compatible with Most Major Cleaners	Compatible with OptoSpan Branded LC and other Major Fiber Optic Cleaners
16 Gauge Aluminum Body with Black Powder Coat	Dependable and robust fiber optic network
Fiber Traceability	Active Port Traceability with Visible Light Source
Rattle-free Unibody	Rattle-free Uni-body Design for a Secure Fit
Eye Safety	Automated Shutters act as Eye Safety Shield



Flammability Rating	UL94V-0 flammability grade
RoHS/REACH	RoHS and REACH compliant
Standards Compliance	IEC61754-20, TIA/EIA 604-10A, GR-326-CORE compliant
TAA Compliant	For US Government Purchases

Specifications

Typical Insertion Loss (dB)*	0.10
Max Insertion Loss (dB)*	0.20
Operating Temperature (°C)	-40 to +75
Humidity Resistance	95%
Durability	200 matings per GR-326-Core

Dimensions:	129mm(L) x 30mm(W) x 40mm(D)
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								<i>Patch Panel Compatibility</i>			
Model	# Fibers	Type	IP5x Rating	Adapter Color	Insertion Loss	Fiber Traceability	Automatic Dust Shield	Rack Mount RM Series	Wall Mount WM Series	Outdoor Waterproof NP Series	High Density HD Series
SAP-LC-12-SM	12	Single-mode	Yes	Blue	<0.2dB	Yes	✓	✓	✓	✓	✓
SAP-LC-24-SM	24	Single-mode	Yes	Blue	<0.2dB	Yes	✓	✓	✓	✓	✓
SAP-LC-12-MM	12	Multimode	Yes	Aqua	<0.2dB	Yes	✓	✓	✓	✓	✓
SAP-LC-24-MM	24	Multimode	Yes	Aqua	<0.2dB	Yes	✓	✓	✓	✓	✓

<i>Compatible OptoSpan Cables and Patch Panels</i>				
Armored Fiber Optic Cables	MTP/MPO Trunks & Harnesses	12F – 144F Breakout Cables	Select Series Panels RM / WM / NP Series	High Density Panels HD Series
				