

24 Port NEMA 4X Outdoor Distribution Panel

Fiber Waterproof Patch Panels for Harsh Environments

OptoSpan's NP-24 Outdoor Waterproof Patch Panels provide a secure housing for fiber optic connectors and cables and is engineered to withstand exposure to severe environmental conditions, making it a crucial component for a variety of industrial and telecommunications applications. NP-24 enclosure can be pre-configured with up to two (2) MTP-LC cassettes, LC, MDC, MMC, SN, SC, ST, FC adapters, or 24 fiber splicing capacity. Optional splice trays, pigtails, outdoor fiber optic cables with cable glands, and a pole mounting kit are available for this panel.



Exclusive Feature:

IP5x Rated LC Adapter Panels with Automated Dust Shield

The OptoSpan Select Series Patch Panels feature exclusive LC, MDC, MMC, and SN Adapters with an IP5x compliant 100% Automatic Dust Shield to keep the fiber optic cables clean and prevent network failures. No dust caps required!

"The leading cause of packet corruption and link downtime in the fiber optic network are the contaminated connectors."



Automatic Dust Shield

Key Features and Benefits:

NEMA 4X and IP68 Rating	Waterproof and corrosion resistant - ready for outdoor installations
Splice and Termination Enclosure	Cable termination or splicing flexibility in a single panel
Compatible with full line of OptoSpan HD Series Cassettes and Adapter Panels	Option to select modules from the OptoSpan HD Series, including two (2) MTP-LC cassettes, two (2) pass-through LC, MDC, MMC, SN, SC, ST, or FC adapter panels, or two (2) Splice Trays
Compatible with OptoSpan IP68 Series Armored and Non-Armored Cables	Simple to integrate this panel with outdoor rated (IP68) waterproof cables, enabling reliable networks even in the harshest conditions
Compatible with OptoSpan IP68 rated Cable Glands	Provides a means for cable ingress/egress and stress relief while preserving the NEMA 4X rating
Flexible Mounting Options	Wall or Pole Mounted (with Optional pole mount kit)
11 Gauge Aluminum Body with Beige Polyester Powder Coat	Able to withstand exposure to moisture, rain, snow, and extreme temperature variations
Tight Seal with Gaskets	Prevent water, dust, and other contaminants from entering
Made in USA	Made in the USA from the finest components to ensure years of dependable use

LC



MDC



MMC



SN



Dimensions:	19"L x 10.3"W x 4.4"D (9lbs)
Cable Entry Ports:	(4) 7/8" Diameter Bottom Access
Maximum Capacity:	
MTP-LC Cassettes:	Qty. 2 (12F) High Density MTP-LC Cassettes
Termination (Pass-through):	Qty. 2 Select Series Adapter Panels with LC, MDC, MMC, or SN Adapters. See below table. SC, FC & ST available upon request.
Splicing:	Qty. 2 (12F) High Density Series LC, SC, ST or FC Adapter Panels with Pigtails and Qty. 2 12F Splice Trays



Splice Trays



Cable Glands

Available Configurations (SC, ST, FC Adapters Available)

OptoSpan NP Series Panel Specifications and Max Capacity										Outdoor Fiber Cable Compatibility with NP Series Panels			
Model	#Type	# Slots	Max. Fibers	# HD Series Cassettes	# Select Series Panels	# Splice Trays	# Entry Ports	Entry Port Size	Cable Glands for Entry Ports	Steel Flex-IP68	Steel Max-IP68	Steel Patch-IP68	TPU-IP68
		Incl.	Incl.	Opt.	Opt.	Opt.	Incl.	Incl.	Opt.	Opt.	Opt.	Opt.	Opt.
NP-24-LC	LC	2	48	2	2	2	4	7/8"	✓	✓	✓	✓	✓
NP-96-LC	LC	8	192	8	8	6	4	1 5/8"	✓	✓	✓	✓	✓
NP-144-LC	LC	12	288	12	12	6	4	1 5/8"	✓	✓	✓	✓	✓
NP-288-LC	LC	24	576	24	24	12	7	1 5/8"	✓	✓	✓	✓	✓
NP-24-MDC	MDC	2	144	0	2	0	4	7/8"	✓	✓	✓	✓	✓
NP-96-MDC	MDC	8	576	0	8	0	4	1 5/8"	✓	✓	✓	✓	✓
NP-144-MDC	MDC	12	864	0	12	0	4	1 5/8"	✓	✓	✓	✓	✓
NP-288-MDC	MDC	24	1728	0	24	0	7	1 5/8"	✓	✓	✓	✓	✓
NP-24-MMC	MMC	2	864	0	2	0	4	7/8"	✓	✓	✓	✓	✓
NP-96-MMC	MMC	8	3456	0	8	0	4	1 5/8"	✓	✓	✓	✓	✓
NP-144-MMC	MMC	12	5184	0	12	0	4	1 5/8"	✓	✓	✓	✓	✓
NP-288-MMC	MMC	24	10368	0	24	0	7	1 5/8"	✓	✓	✓	✓	✓
NP-24-SN	SN	2	96	0	2	0	4	7/8"	✓	✓	✓	✓	✓
NP-96-SN	SN	8	384	0	8	0	4	1 5/8"	✓	✓	✓	✓	✓
NP-144-SN	SN	12	576	0	12	0	4	1 5/8"	✓	✓	✓	✓	✓
NP-288-SN	SN	24	1152	0	24	0	7	1 5/8"	✓	✓	✓	✓	✓

