

# 144 Port NEMA 4X Outdoor Distribution Panel

## Fiber Waterproof Patch Panels for Harsh Environments

OptoSpan's NP-144 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-144 enclosure can be pre-configured with up to twelve (12) MTP-LC cassettes, up-to 144 pass-through LC, MDC, MMC, SN, SC, ST, FC adapters, or 144 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:

<b>NEMA 4X and IP68 Rating</b>	Waterproof and corrosion resistant - ready for outdoor installations
<b>Splice and Termination Enclosure</b>	Cable termination or splicing flexibility in a single panel
<b>Compatible with full line of OptoSpan HD Series Cassettes and Adapter Panels</b>	Option to select modules from the OptoSpan HD Series, including twelve (12) MTP-LC cassettes, twelve (12) pass-through LC, MDC, MMC, SN, SC, ST, or FC adapter panels, or six (6) Splice Trays
<b>Compatible with OptoSpan IP68 Series Armored and Non-Armored Cables</b>	Simple to integrate this panel with outdoor rated (IP68) waterproof cables, enabling reliable networks even in the harshest conditions
<b>Compatible with OptoSpan IP68 rated Cable Glands</b>	Provides a means for cable ingress/egress and stress relief while preserving the NEMA 4X rating
<b>Flexible Mounting Options</b>	Wall or Pole Mounted (with Optional pole mount kit)
<b>11 Gauge Aluminum Body with Beige Polyester Powder Coat</b>	Able to withstand exposure to moisture, rain, snow, and extreme temperature variations
<b>Tight Seal with Gaskets</b>	Prevent water, dust, and other contaminants from entering
<b>Made in USA</b>	Made in the USA from the finest components to ensure years of dependable use

LC



MDC



MMC



SN



<b>Dimensions:</b>	22"L x 17.1"W x 7.1"D (20lbs)
<b>Cable Entry Ports:</b>	(4) 1 5/8" Diameter Bottom Access
<b>Maximum Capacity:</b>	
MTP-LC Cassettes:	Qty. 12 (12F) High Density MTP-LC Cassettes
Termination (Pass-through):	Qty. 12 Select Series Adapter Panels with LC, MDC, MMC, or SN Adapters. See below table. SC, FC & ST available upon request.
Splicing:	Qty. 12 (12F) High Density Series LC, SC, ST or FC Adapter Panels with Pigtails and Qty. 6 24F 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"	✓	✓	✓	✓	✓

