OPTIMUSMAX™
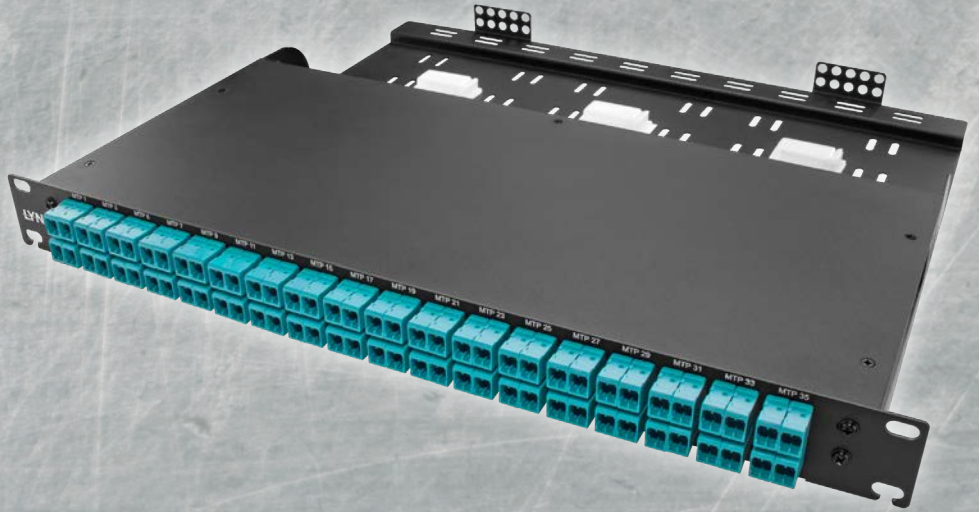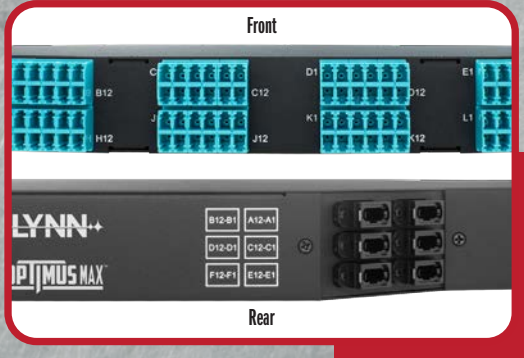## Fiber Panel

LYNN

OPTIMUS MAX™

Front

Rear

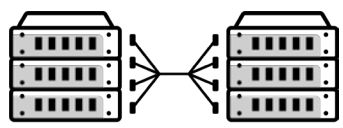**Optimized** — Configurations available for Base-8, 12, 16, and 24 infrastructure

Port Labeling — Easy to read port identification on front and back
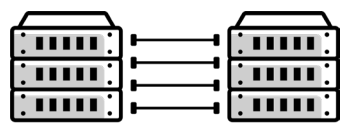
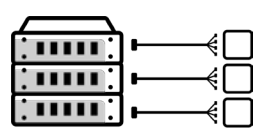**Cable Management** — Side and rear cable management available

LIFETIME WARRANTY ∞

LYNN+ Green

Optimized for Your Application!

Structured Cabling

Port Replication

Distribution

Features

· Utilizes next generation duplex connectors (VSFF)

· Front-side: 288 fiber (SN or MDC connectors)

· Back-side: 24 low-loss MPO Elite connectors

· Silk-screen labels on front and rear for port identification
  (custom labeling available)

· Options for Method A, B, or C infrastructure

· Side and rear cable management available

· Fits standard 19 in. rack

Specifications

· Dimensions: Standard 1U height x 19" W

· Material: 16 gauge steel

· Coating: Electrostatic polyester powder coat Black paint

· RoHS compliance 2011/65/EU

· Meets GR-326-CORE

· Mounting hardware included

Performance Specifications			
Fiber Type	SM		MM
Polishing	UPC	APC	PC
Connector Insertion Loss	< 0.25dB	< 0.25dB	< 0.25dB
Connector Return Loss	> 50dB	> 60dB	> 25dB
Overall Insertion Loss	<.50db	<.50db	<.50db
Durability	> 500 Matings		
Operating Temperature	-40° to +85°		

Choose OptimusMAX™ Panels designed for your trunk fiber count

Trunk Fiber Count	OptimusMAX™ Panels (LC)		OptimusMAX™ Panels (SN/MDC)	
	LC Panels	# of Rack Space	SN/MDC Panels	# of Rack Space
144	1 x OptimusMAX™ - 144	1U	-	-
192	1 x OptimusMAX™ - 192	1U	-	-
288	2 x OptimusMAX™ - 144	2U	1 x OptimusMAX™ - 288	1U
432	2 x OptimusMAX™- 216	2U	-	-
576	3 x OptimusMAX™ - 192	3U	2 x OptimusMAX™ - 288	2U
648	3 x OptimusMAX™ - 216	3U	-	-
864	4 x OptimusMAX™ - 216	4U	3 x OptimusMAX™ - 288	3U
1,152	6 x OptimusMAX™ - 216	6U	4 x OptimusMAX™ - 288	4U
1,728	8 x OptimusMAX™ - 216	8U	6 x OptimusMAX™ - 288	6U

288 FIBER

Front

Rear

Features
· Front side: Up to 288 fiber (144 duplex ports), designed for the new SN and MDC connectors for extreme density
· Back-side: 24 low-loss MPO Elite connectors
· Exclusively designed for Base-8 infrastructure
· Pre-wired internally to support industry standard method B backbone trunks
· Highly visible identification of both front and back side port connections
· Utilizes SN/MDC to LC patch cords for patching into equipment
· Includes rear cable management
· Fits standard 19 in. rack

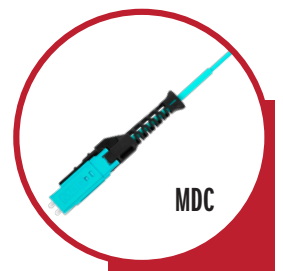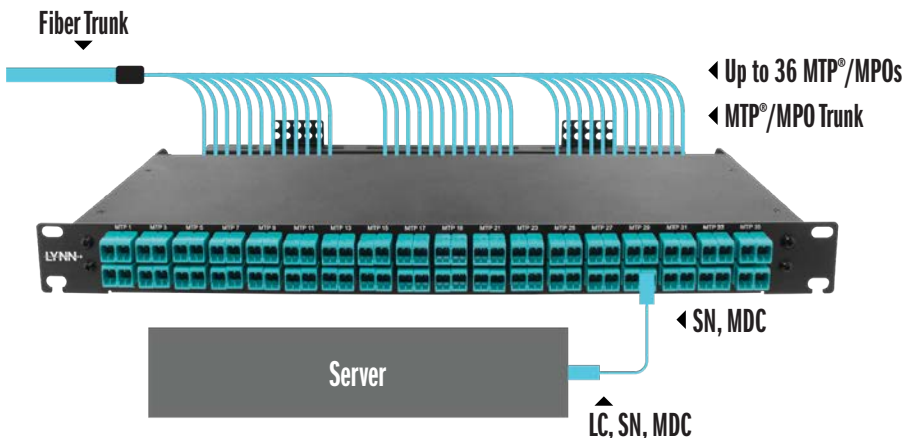## Dimensions
· 1U x 19in. x 8in.
· 16 gauge steel

Utilizes Next Generation Duplex Connectors (VSFF)

288 fiber panel utilizes SN or MDC (Very Small Form Factor) for front side patching

Fiber Trunk

◄ Up to 36 MTP®/MPOs
◄ MTP®/MPO Trunk

◄ SN, MDC

Server

◄ LC, SN, MDC

SN

MDC

Use SN-LC or MDC-LC patch cords to connect to existing data center equipment

3x *FIBER DENSITY!!!*
vs Standard LC Duplex Connector

216 FIBER

Features
- Front-side: Up to 216 fiber (108 LC duplex ports)
- Back-side: 18 MTP-12 low-loss MPO Elite connectors
- Pre-wired internally to support industry standard method B backbone trunks
- Highly visible identification of both front and back side port connections
- Rear cable management (optional)
- Fits standard 19 in. rack

Dimensions
- 1U x 19in. x 8.75in.
- 16 gauge steel

Front
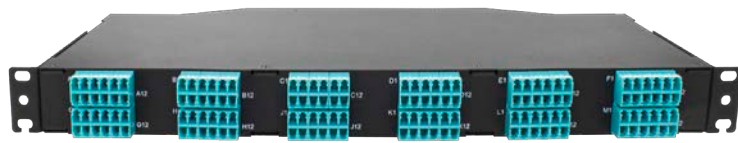
Rear

192 FIBER (ANGLED)

Features
- Front-side: Up to 192 fiber (96 LC duplex ports), Angled "V" front
- Back-side: 16 MTP-12 low-loss MPO Elite connectors
- Pre-wired internally to support industry standard method B backbone trunks
- Highly visible identification of both front and back side port connections
- Rear cable management (optional)
- Fits standard 19 in. rack

Dimensions
- 1U x 19in. x 9in. (adjustable depth mounting ears: 7.5 to 9in.)
- 16 gauge steel

Front

Rear

144 FIBER

Features
- Front-side: Up to 144 fiber (72 LC duplex ports)
- Back-side: 12 MTP-12 low-loss MPO Elite connectors
- Pre-wired internally to support industry standard method B backbone trunks
- Highly visible identification of both front and back side port connections
- Rear cable management (optional)
- Fits standard 19 in. rack

Dimensions
- 1U x 19in. x 5.1in.
- 16 gauge steel

Front

Rear

144 FIBER (ANGLED)

Features
- Front-side: Up to 144 fiber (72 LC duplex ports), Angled "V" front
- Back-side: 12 MTP-12 low-loss MPO Elite connectors
- Pre-wired internally to support industry standard Method B backbone trunks
- Highly visible identification of both front and back side port connections
- Rear cable management (optional)
- Fits standard 19 in. rack

Dimensions
- 1U x 19in. x 8.5in. (adjustable depth mounting ears: 7 to 8.5in.)
- 16 gauge steel

Front

Rear

Optional Cable Managers

Rear Shelf - Works with ALL OptimusMAX™ Panels

· Adds a 6" rear shelf for securing back side trunk connections
· Mounts to the back of OptimusMAX™ panels using existing screws
· Includes trunk tie down brackets for both left and right entry
· Multiple slots provided for securing cables using hook-n-latch
· Plastic rings (included) for organizing trunk breakout cables

P/N: PAN-CBL-MGR-SHELF

1U Side Cable Manager for Patch Panels

· Easily installs by sliding under existing panel   · Allows for different ring positions

P/N: MET-1U-SM-V2

ORDERING INFORMATION

PAN ☐ - ☐☐☐☐☐☐☐ - ☐☐☐

1 **2** **3** **4** **5** **6**

1 FRONT STYLE	**2** # OF FRONT SIDE DUPLEX CONNECTIONS	**3** BACK SIDE CONNECTOR	**4** FRONT SIDE CONNECTOR	**5** SUB-UNITS	**6** FIBER
Flat (Default) = Blank	144 (288 fibers)	MPO Elite male (default) = M	LC duplex = L	Base-12 (Default) = Blank	OM4 (Aqua)
Angled = V	108 (216 fibers)	MPO Elite female = J	SC duplex = S	Base-8 = 8	OM5 (Lime Green)
	96 (192 fibers)	MTP Elite male = P	MDC = D	Base-16 = 16	SM (UPC/Blue)
	72 (144 fibers)	MPO Standard male = N	SN = N	Base-24 = 24	SMA (APC/Green)
		MTP Elite female = F			
		MPO Standard female = K			