



# Amphenol

FIBER OPTIC PRODUCTS

## 19" RACK MOUNT 1RU CASSETTE

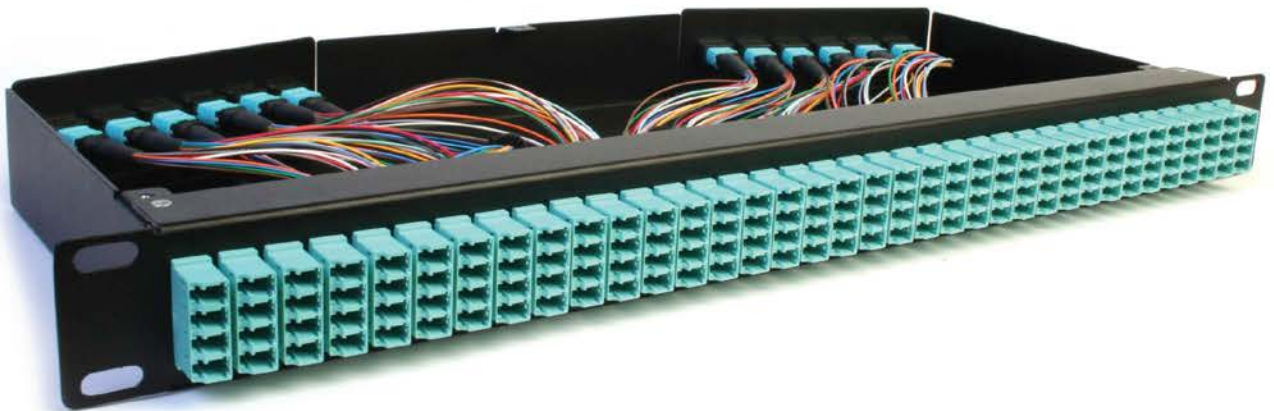


Product Spotlight  
March 20th, 2017



# Amphenol

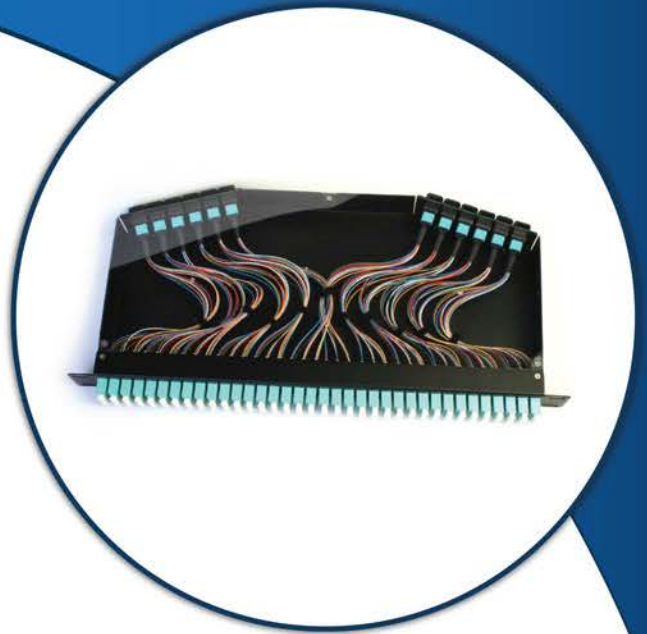
FIBER OPTIC PRODUCTS



## 19" Rack Mount Cassette 1RU

Amphenol's 1RU Rack Mount Distribution Panel maximizes the precious space in your datacenter. It is factory terminated and fully tested, ready to install with 144 fibers for LC interconnect, or 72 fibers for SC interconnect. Fiber patch panels are used in Data Center Cabling Standards TIA-942 for interconnects in main distribution, horizontal distribution, and equipment areas.

Amphenol's 1RU High-Density Cassette has 36 LC Quad adapters or 36 SC Duplex adapters. The cassette manages 144 or 72 fibers in a neat, pre-wired, pre-tested unit that saves hours of installation time. The angled back panel allows for optimally routed trunk cables.



### Features and Benefits

- Factory assembled and tested
- High-density adapter configuration
- Easy installation and removal of external fibers
- Singlemode and multimode versions
- Maximizes use of available space
- MPO adapters on angled rear face
- Accommodates either male or female MPO adapters

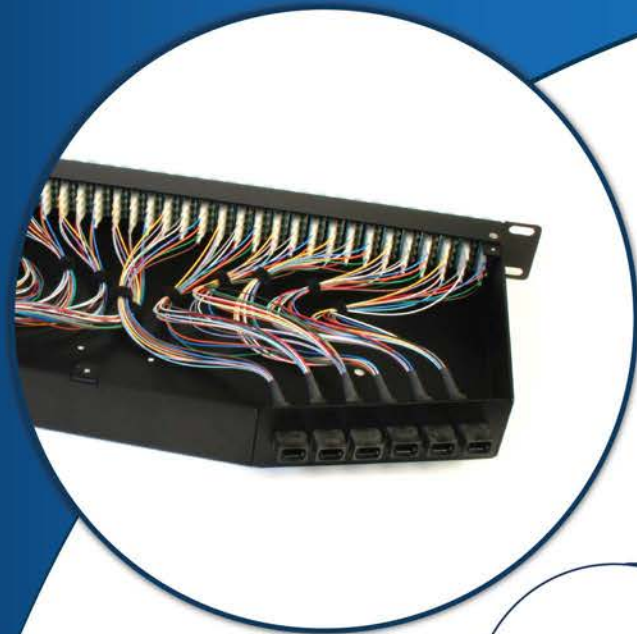
### Specifications

- Available wired with singlemode, multimode (OM3 or OM4)
- 144 fibers in 1 rack unit contained panel for 36 LC quad adapters
- 72 fibers in 1 rack unit contained panel for 36 SC duplex adapters
- UL 94V0 rated front mounting on UTP panel
- TIA 942 Standard
- Enclosure is made of durable 16 gauge steel, powder coated for protection

**Superior Performance in Telecommunications  
and Data Center Applications**

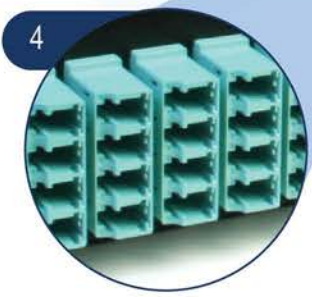
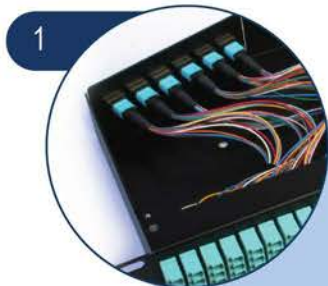






### Technical Specifications

Parameter	Specification
Length	19"
Width	10"
Height	1.75"-1RU



1. Pre-Wired
2. Angled Rear Face
3. MPO Adapter Input
4. 36 LC Quad Adapters

# Commitment to Innovation

At Amphenol Fiber Optic Products, our goal is to deliver high density panel solutions by taking into account customer feedback, design requirements, and total cost of ownership for cloud service providers and data center applications. By promoting innovation and interaction at the customer level, Amphenol builds collaborative relationships which specifically address engineering challenges for the next generation of high speed networks. As data demand increases by the expansion of the Internet of Things, the need for creative solutions continue to be a challenge in the market.

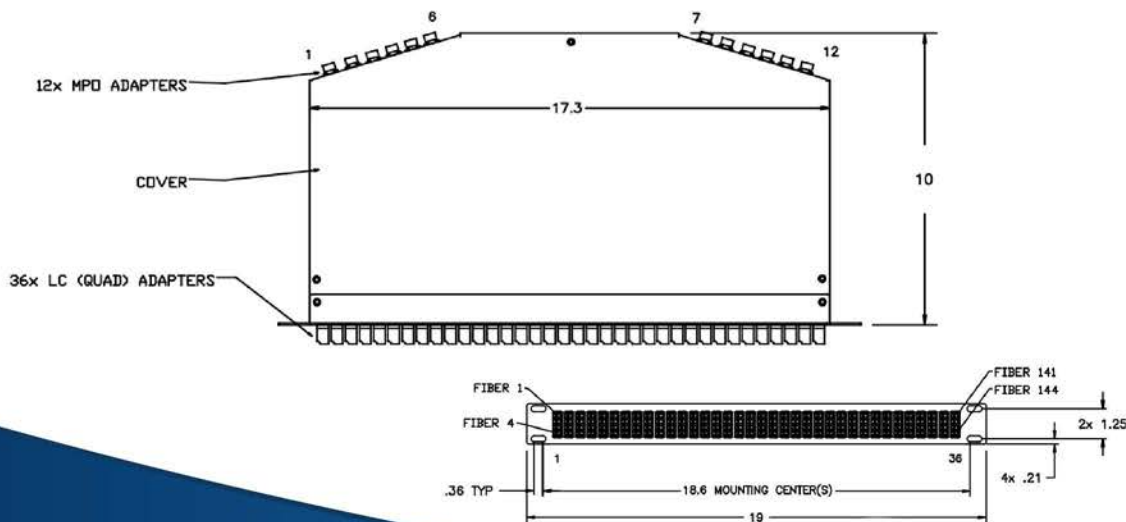
The Amphenol Fiber Optic product portfolio includes a wide range of cutting edge solutions that can be integrated into rack or wall-mounted fiber optic panels that create innovative. These options include new connector solutions, high density adapters, and small form factor cable solutions that incorporate the latest evolution of fiber specifications focused on high density technologies. By understanding next generation technology advancements, Amphenol is able to offer innovative products that future proof network installations.



## Ordering Information

Part Number	Item Description
948-99999-10255	PANEL, 1RU, 144F, 36LC(Q) SM ADAPTERS TO 12MPO, RACK MOUNT W/ MPO-LC JUMPER ASSEMBLY
948-99999-10259	PANEL, 1RU, 144F, 36LC(Q) MM TO 12MPO, RACK MOUNT W/ MPO-LC JUMPER ASSEMBLY

\*Please call customer service for additional configurations





# FIBER CAPACITY COMPARISON

## FIBER CAPACITY FOR 19" PANELS

Panel Type	LC Duplex	LC Quad
1RU (LGX)	36	72
1RU (HD)	72	144

## FIBER CAPACITY FOR 19" CASSETTE

Panel Type	SC Duplex	LC Quad
1RU	72	144
2RU*	144	288

\*See 2RU Rack Mount Cassette Mailer for More Details



**Standard 1RU LGX Panel**  
Accommodates up to 72 fiber count



**High Density 1RU Panel**  
Accommodates up to 96 fiber count

**19" Rack Mount Cassette**  
Accommodates up to 144 fiber count

