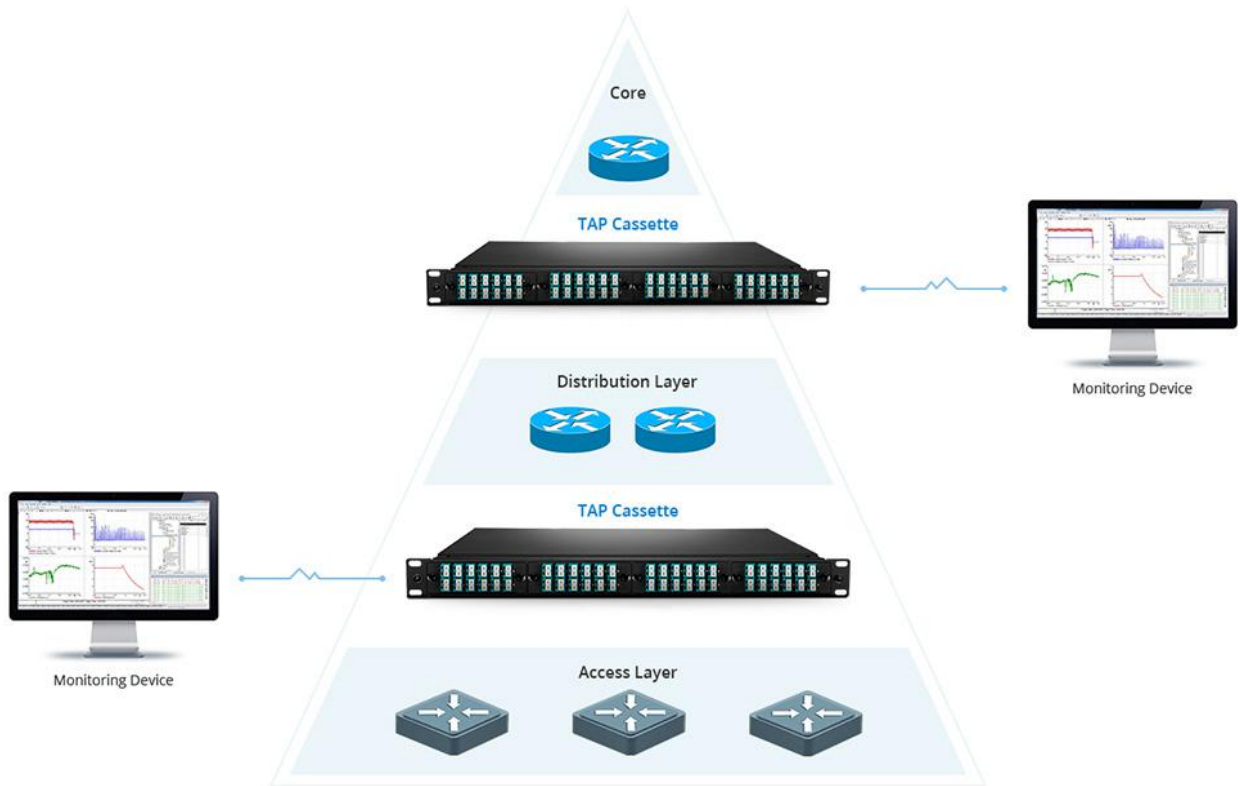


# FHD LC to LC BIDI TAP Cassette Datasheet

Passive Network Monitoring Modular Cassette System



## FHD LC to LC BIDI TAP Cassette

FHD fiber optic tapped cassettes are a highly effective and efficient means for mission-critical data centers and networks to obtain real-time network visibility. TAP cassettes provide passive optical tapping of live networks while maintaining full integrity of the data with no link downtime. FHD LC to LC BIDI TAP Cassette is available in multimode with split ratio of 50/50.



## Features

- Supports Cisco BiDi optical technology.
- Passive in-line monitoring, no power is required.
- 100% secure and invisible, no IP address, no Mac address, cannot be hacked.
- Provides a window into your data for security or surveillance.
- Advanced splitter technology for low insertion loss.
- Ultra light, ultra-thin design provides great space savings in the network.
- Plug and play modules allow fast installation of multiple fiber links.
- Compatible with all FHD series enclosures.

## Application

FHD TAP Cassettes are positioned in the network link between two network devices. The need for real-time network visibility of data traffic becomes vital for effective performance monitoring, robust security and functional business success.

## Product Specification

### I. Product Constructions

<b>Fiber Count</b>	24 Fibers
<b>Fiber Mode</b>	Multimode: OM4 50/125 $\mu$ m
<b>Front Connector</b>	12x LC UPC Duplex
<b>Rear Connector</b>	None
<b>Material of Plate</b>	Aluminium (AL5052)
<b>Material of Sleeve</b>	Zirconia Ceramic
<b>Fiber Length</b>	1.00 $\pm$ 0.10m
<b>Dimensions (HxWxD)</b>	1.38"x4.29"x4.64" (35x109x118mm)

### II. Performance Properties

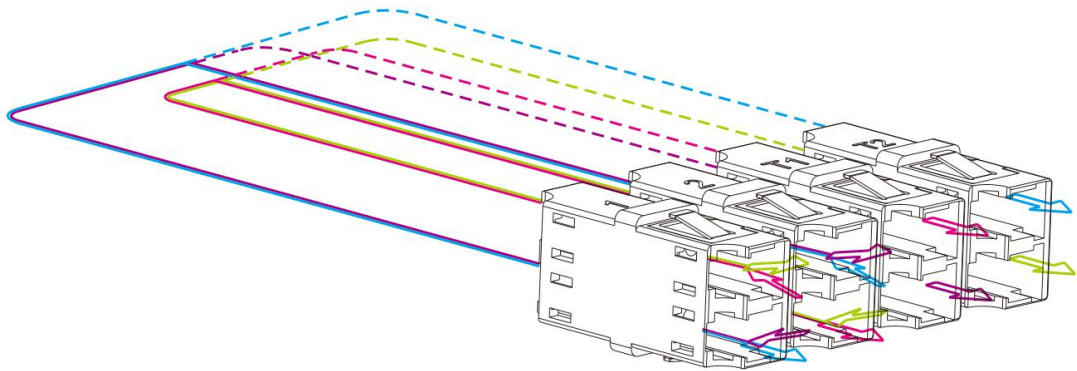
<b>Split Ratio</b>	50/50
<b>Glass Fiber</b>	Corning ClearCurve® Multimode
<b>Insertion Loss (Live/Tap)</b>	$\leq$ 0.3dB
<b>Return Loss (Live/Tap)</b>	$\geq$ 30dB
<b>Operating Temperature</b>	-10°C to 60°C
<b>Storage Temperature</b>	-10°C to 60°C
<b>Installation Temperature</b>	0°C to 60°C

## Standards Compliance

- ISO9001 Certificate
- RoHS Compliant

## Inner Fiber Sequence

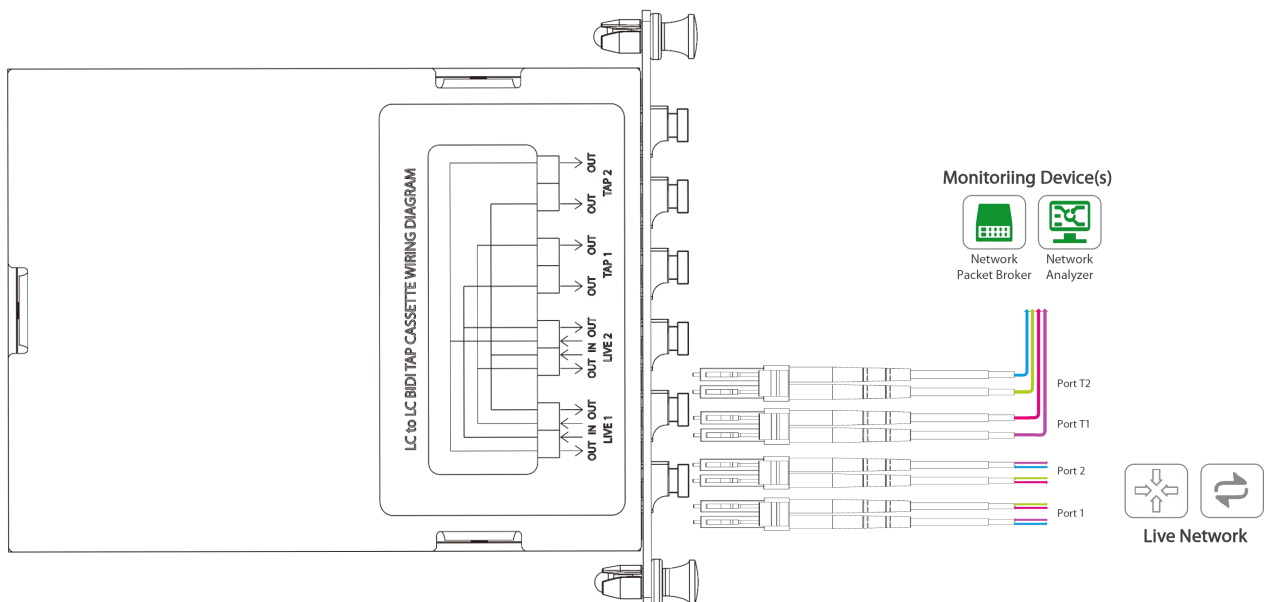
Each cassette includes high performance couplers that split the stream according to the required split ratio between the network and the monitoring port. They ensure a complete copy of your network's traffic reaches your security and monitoring tools with zero loss of packet loss.



Note: The adapters are shown in the same row for convenient reference.

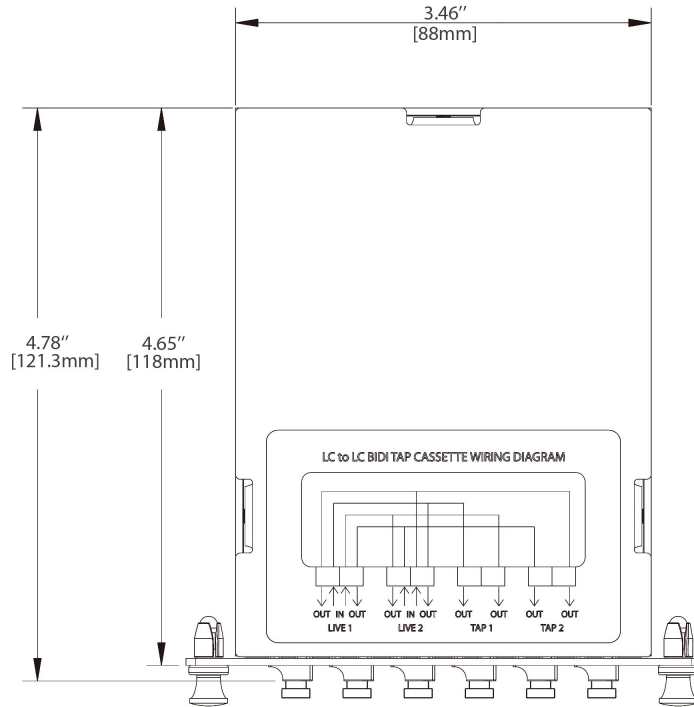
## Network Flow

The TAP cassette enables to connect monitoring equipment to the existing high density network infrastructure, saving valuable space and providing flexibility in connecting and disconnecting monitoring equipment on demand, without interfering with live network traffic.

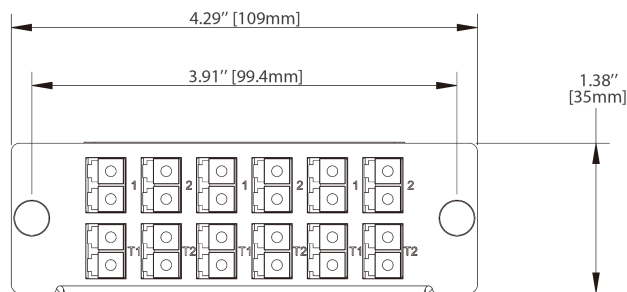


Note: For clarity, the cables are shown in the same row, please deploy the fibers according to the numbered adapter ports in practical application.

### Technical Drawing



Top View



Front View

Dimensions are in inches. (Dimensions in parentheses are in millimeters).

## FHD LC-LC BIDI TAP Cassette List

Item No.	ID	Description
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1	#68753	12x LC Duplex, 24 Fibers OM4 Multimode FHD BIDI TAP Cassette, 50/50, 40G
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\* More products information please click >

## Matching Products List

Item No.	ID	Description
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1	#70361	1U Rack Mount FHD High Density Slide-out Fiber Enclosure Unloaded
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2	#73205	2U Rack Mount FHD High Density Slide-out Fiber Enclosure Unloaded
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3	#73206	4U Rack Mount FHD High Density Slide-out Fiber Enclosure Unloaded
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4	#34684	1U Rack Mount FHD High Density Fiber Enclosure Unloaded
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5	#70419	1U Rack Mount FHD Modular Fiber Enclosure Panel
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6	#50550	FHD Fiber Optic Wall Mount Enclosure, 2-Door 2-Adapter Panel
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7	#68300	2m LC UPC to LC UPC Duplex OM4 Multimode PVC 2.0mm BIF Fiber Optic Patch Cable
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