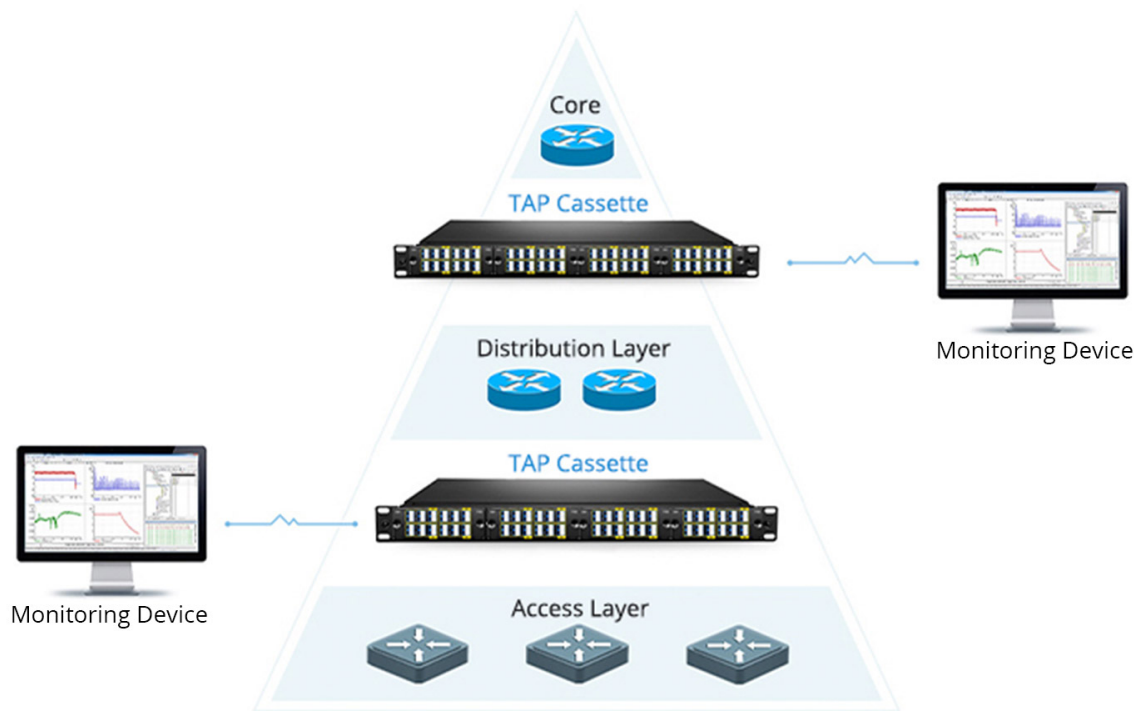


FHD LC to LC TAP Cassette Datasheet

Passive Network Monitoring Modular Cassette System



FHD LC to LCTAP Cassettes

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 TAP Cassettes are available in single mode and multimode with split ratios of 50/50, 70/30, 60/40 or 80/20.



Features

- Passive in-line monitoring, no power is required.
- Available in multimode and single mode fiber models.
- 100% secure and invisible, no IP address, no Mac address, cannot be hacked.
- Provides a window into your data for security or surveillance.
- Delivers low insertion loss to minimize impact on data flows.
- 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

Fiber Count	6/12/24 Fibers
Fiber Mode	Single mode: OS2 9/125μm Multimode: OM4 50/125μm
Front Connector	3x LC UPC Duplex, 6x LC UPC Duplex, 12x LC UPC Duplex
Rear Connector	None
Material of Plate	Aluminium (AL5052)
Material of Sleeve	Zirconia Ceramic
Fiber Length	1.00±0.10m
Dimensions (HxWxD)	1.38"x4.29"x4.64" (35x109x118mm)

II. Performance Properties

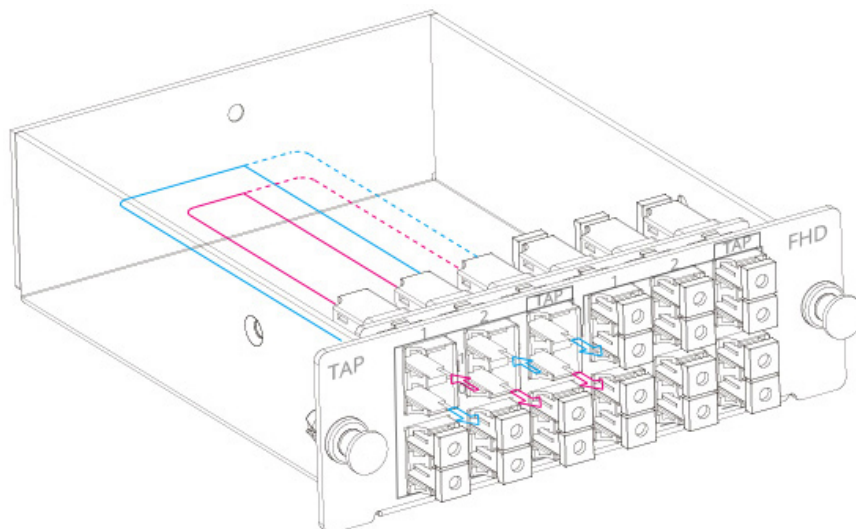
Split Ratio	50/50, 70/30, 60/40, 80/20
Glass Fiber	Single mode: G.657.A1 Multimode: Bend Insensitive
Insertion Loss (Live/Tap)	≤0.2dB
Return Loss (Live/Tap)	Single mode: ≥50dB Multimode: ≥35dB
Operating Temperature	-10°C to 60°C
Storage Temperature	-10°C to 60°C
Installation Temperature	0°C to 60°C

Standards Compliance

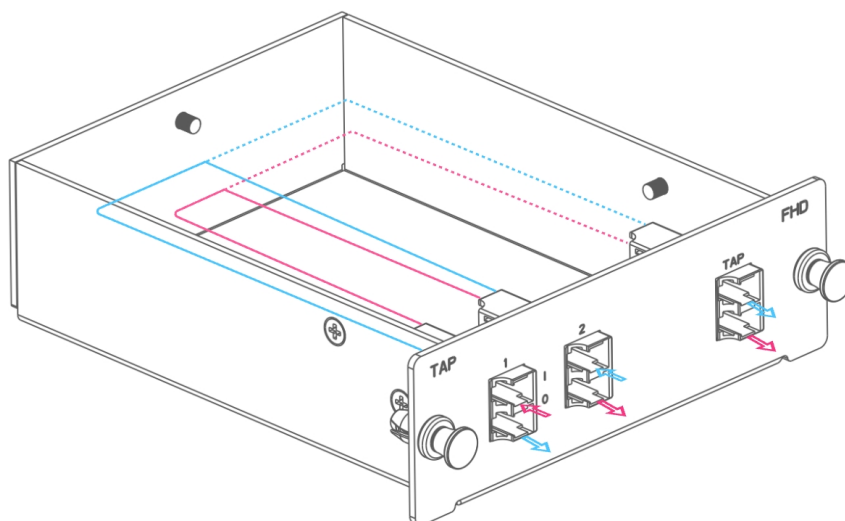
- ISO9001 Certificate
- RoHS Compliant

Inner Fiber Sequence

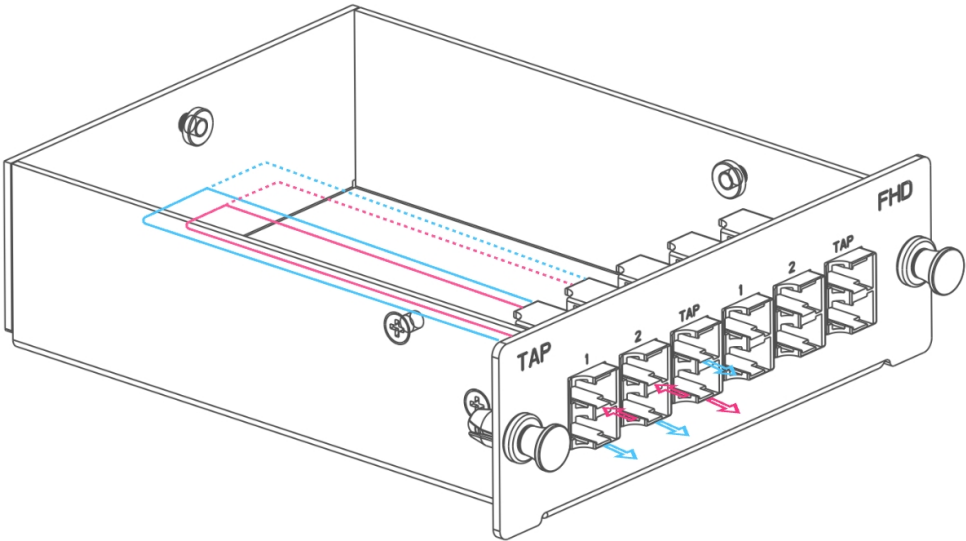
Each cassette includes high performance couplers that split the stream according to the required split ratio between the network and the monitoring port. They ensure a complete copy of your network's traffic reaches your security and monitoring tools with zero risk of packet loss.



8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports



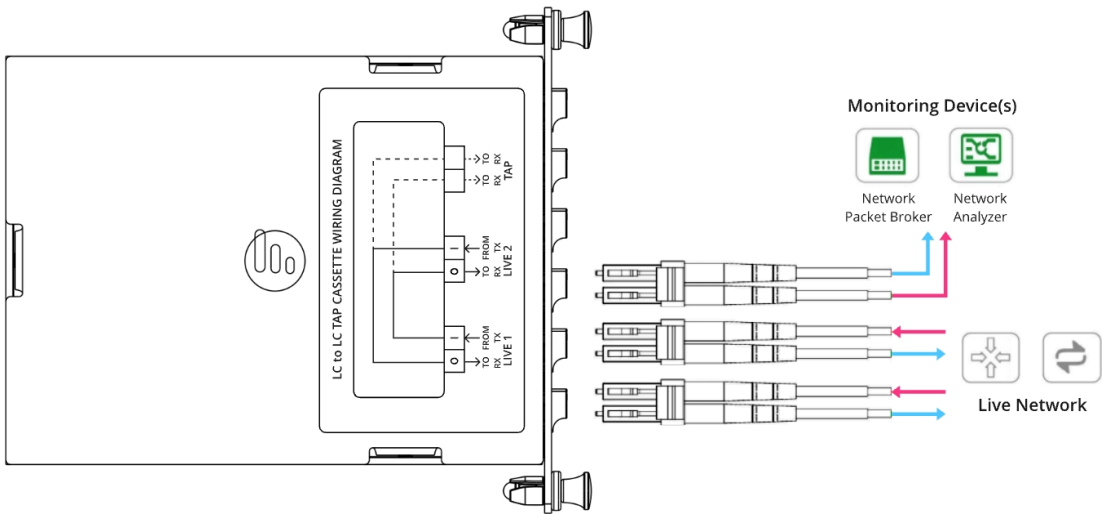
2 x LC Duplex Live Ports, LC Duplex TAP Ports



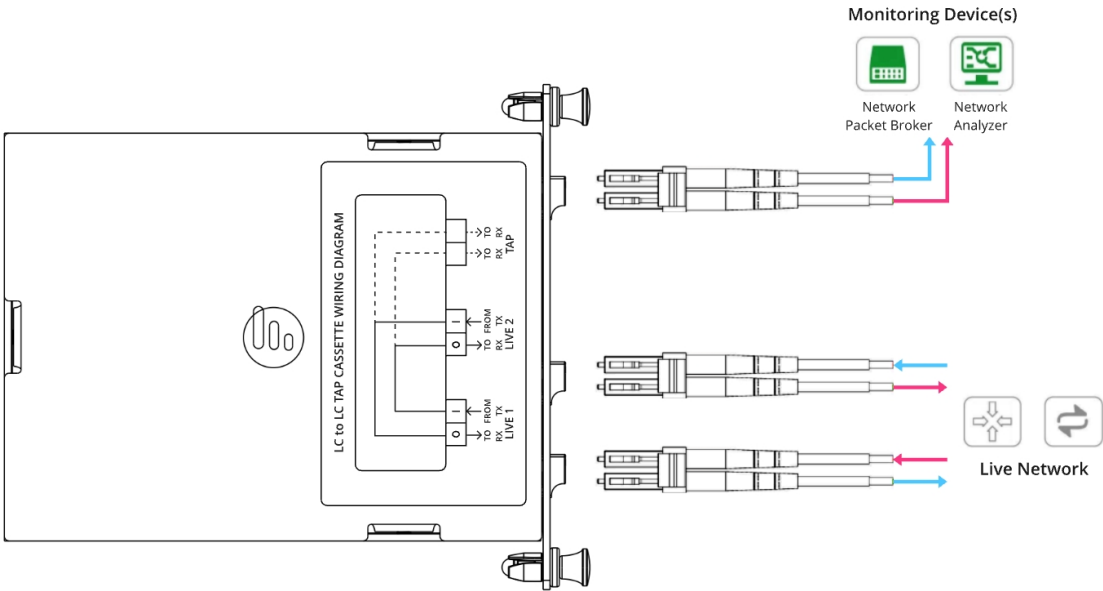
4 x LC Duplex Live Ports, 2 x LC Duplex TAP Ports

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.

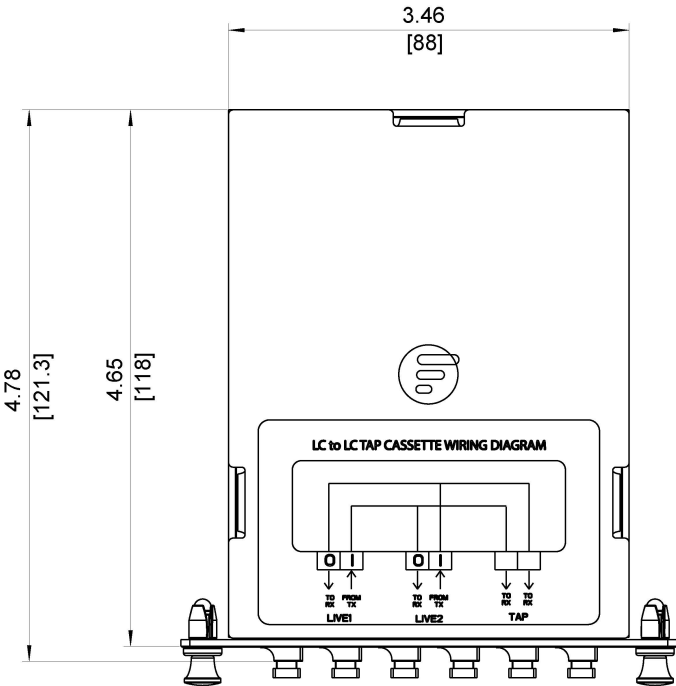


8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports / 4 x LC Duplex Live Ports, 2 x LC Duplex TAP Ports



2 x LC Duplex Live Ports, LC Duplex TAP Ports

Technical Drawing



Top View



Front View

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

FHD LC-LC TAP Cassette List

Item No.	ID	Description
1	#68769	OS2, 8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports, 50/50 Split Ratio (Live/TAP)
2	#68747	OM4, 8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports, 50/50 Split Ratio (Live/TAP)
3	#68758	OS2, 8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports, 70/30 Split Ratio (Live/TAP)
4	#300105	OS2, 2 x LC Duplex Live Ports, LC Duplex TAP Ports, 50/50 Split Ratio (Live/TAP)
5	#300104	OM4, 2 x LC Duplex Live Ports, LC Duplex TAP Ports, 50/50 Split Ratio (Live/TAP)
6	#300103	OS2, 4 x LC Duplex Live Ports, 2 x LC Duplex TAP Ports, 50/50 Split Ratio (Live/TAP)
7	#300102	OM4, 4 x LC Duplex Live Ports, 2 x LC Duplex TAP Ports, 50/50 Split Ratio (Live/TAP)
8	#300116	Customized LC TAP Cassette, OS2, LC Duplex Live Ports, LC Duplex TAP Ports
9	#300115	Customized LC TAP Cassette, OM4, LC Duplex Live Ports, LC Duplex TAP Ports
10	#300121	Customized LC TAP Cassette, OS2, 8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports
11	#300123	Customized LC TAP Cassette, OM4, 8 x LC Duplex Live Ports, 4 x LC Duplex TAP Ports

* More products information please click >

Matching Products List

Item No.	ID	Description
1	#70361	1U Rack Mount FHD High Density Slide-out Fiber Enclosure Unloaded
2	#73205	2U Rack Mount FHD High Density Slide-out Fiber Enclosure Unloaded
3	#73206	4U Rack Mount FHD High Density Slide-out Fiber Enclosure Unloaded
4	#96427	1U Rack Mount FHD High Density Fixed Fiber Enclosure Unloaded
5	#70419	1U Rack Mount FHD Modular Fiber Enclosure Panel
6	#50550	FHD Fiber Optic Wall Mount Enclosure, 2-Door 2-Adapter Panel
7	#68294	1m LC UPC to LC UPC Duplex OS2 Single Mode PVC 2.0mm BIF Fiber Optic Patch Cable
8	#68300	2m LC UPC to LC UPC Duplex OM4 Multimode PVC 2.0mm BIF Fiber Optic Patch Cable