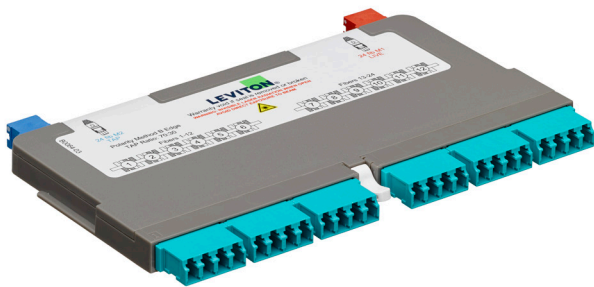


# HDX MTP® TAP Cassettes

## APPLICATION

HDX TAP Cassettes provide real-time monitoring in the network or SAN environment. The traffic analysis point (TAP) is a passive device that enables channel traffic to be reviewed for anomalies in network security or performance. In the HDX cassette, the TAP is part of the structured cabling environment and eliminates the need for an additional panel to deploy the TAPs. Having the TAP inside the HDX cassette increases the density and reduces the fiber footprint required in a cabinet.



## SPECIFICATION

TAP cassettes shall support high-density monitoring applications for 10G and 40G channels. The 24-fiber MTP-LC TAP cassette shall monitor twelve 10G channels and the MTP-to-MTP cassette shall monitor three 40G channels in a single cassette. The low-loss passive device reduces the insertion loss impact to network performance. The TAP cassettes shall be available in two split ratios for network design flexibility, 70:30 and 50:50.

## FEATURES

- Part of the HDX platform of cassettes and adapter plates
- High-density TAP: 24 fibers per cassette
- Monitor up to 144 fibers in 1RU of rack space
- Low-loss components for best channel performance
- Available in single-mode and multimode OM4
- Split ratios of 70:30 and 50:50
- Supports monitoring of 10G and 40G channels (QSFP)

## DESIGN CONSIDERATIONS

- Use with Leviton Opt-X® Unity system of 24-fiber cable assemblies
- Fits in the HDX fiber distribution frame
- Fits in UHD X enclosures
- Fits in 2000i HDX and 1000i HDX enclosures
- Fits in HDX enclosures and angled panels
- Fits in 2000i SDX and 1000i SDX enclosures with retrofit sliding tray
- Compatible with 10G SFP+ transceivers
- Compatible with 40G QSFP transceivers

## STANDARDS COMPLIANCE

- IEEE 802.3ae rev. 2002
- Adheres to ANSI/TIA-942-A data center design guidelines
- Meets ANSI/TIA-568.3-D for performance requirements
- Meets ANSI/TIA-604-5 (MTP), -3B (SC), -10B (LC) for connector intermateability

## PHYSICAL SPECIFICATIONS

Dimensions: See page two  
 Material: Grey polycarbonate

## WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

## COUNTRY OF ORIGIN

China

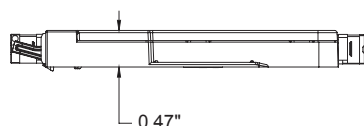
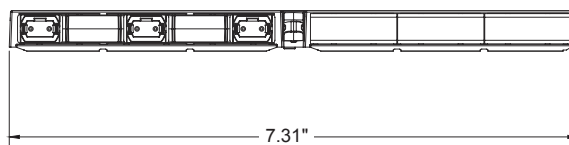
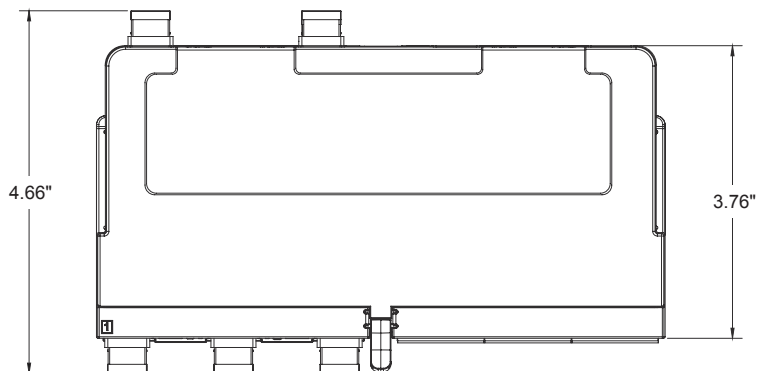
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## PRODUCT SPECIFICATIONS

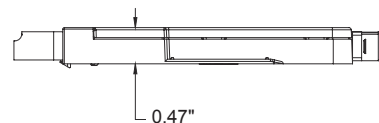
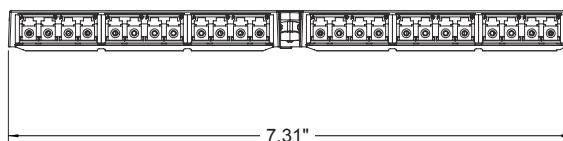
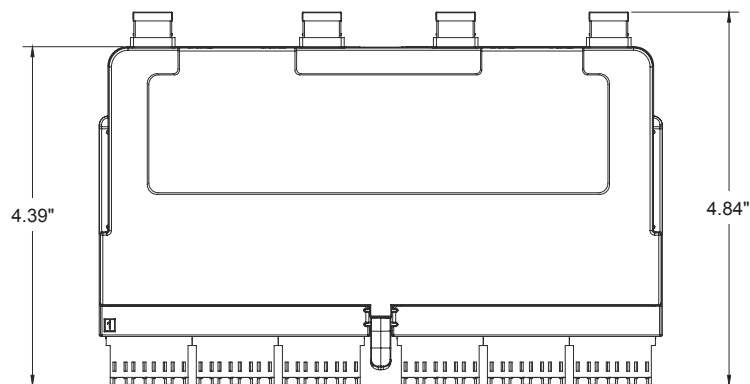
### ELECTRONIC FILES

For CAD files, typical specs, or dimensional line art (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).

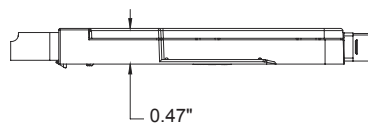
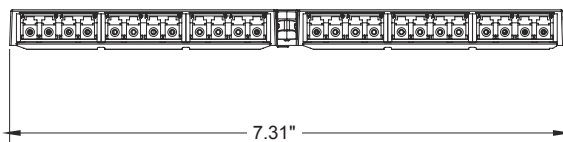
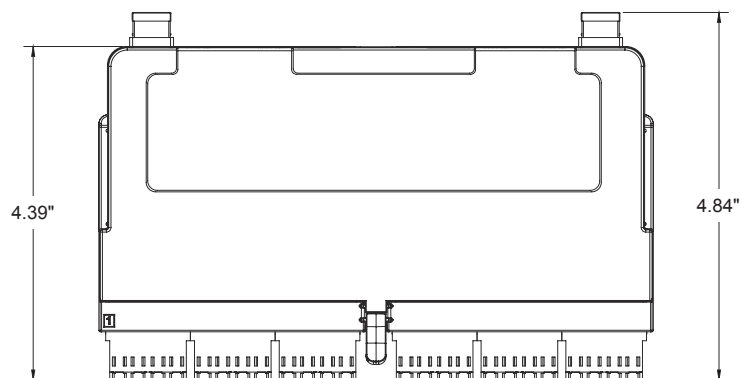
x2MM2-BEx



x2LM1-BEx



x2LM2-BEx



HDX MTP® TAP Cassettes

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### MTP®-LC Cassettes for 10G

Fiber Type	Split Ratio		Insertion Loss dB (max)	
	Pass	Tap	Live	Tap
OM4	50	50	4.3	4.3
OM4	70	30	2.3	6.3
OS2	50	50	4.4	4.4
OS2	70	30	2.9	6.6

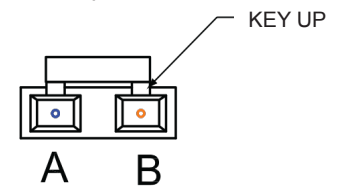
### MTP-MTP Cassettes for 40G

Fiber Type	Split Ratio		Insertion Loss dB (max)	
	Pass	Tap	Live	Tap
OS2	50	50	4.6	4.6
OS2	70	30	3.0	7.0
OM4	50	50	4.5	4.5
OM4	70	30	2.3	6.5

### HDX MTP® TAP Cassettes

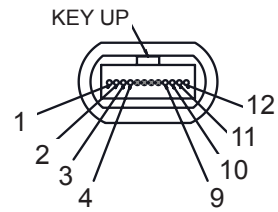
Description	Part No.
OM4 24-Fiber MTP to LC, Method B Edge 50:50, aqua	42LM2-BE5
OS2 24-Fiber MTP to LC, Method B Edge 50:50, blue	U2LM2-BE5
OM4 24-Fiber MTP to LC, Method B Edge 70:30, aqua	42LM2-BE7
OS2 24-Fiber MTP to LC, Method B Edge 70:30, blue	U2LM2-BE7
OM4 24-Fiber 2x12F MTP to LC, Method B Edge 50:50, aqua	42LM1-BE5
OS2 24-Fiber 2x12F MTP to LC, Method B Edge 50:50, blue	U2LM1-BE5
OM4 24-Fiber 2x12F MTP to LC, Method B Edge 70:30, aqua	42LM1-BE7
OS2 24-Fiber 2x12F MTP to LC, Method B Edge 70:30, blue	U2LM1-BE7
OM4 24-Fiber MTP to 3x8 MTP(f), Method B Edge 70:30	42MM2-BE7
OS2 24-Fiber MTP to 3x8 MTP (f), Method B Edge 70:30	U2MM2-BE7
OM4 24-Fiber MTP to 3x8 MTP(f), Method B Edge 50:50	42MM2-BE5
OS2 24-Fiber MTP to 3x8 MTP (f), Method B Edge 50:50	U2MM2-BE5

Discrete Duplex Connector

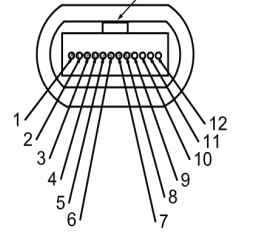


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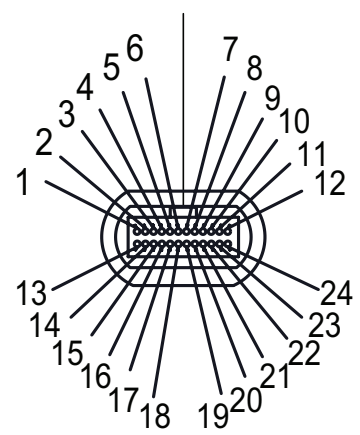
MTP Connector



MTP Connector



MTP Connector



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