MTP®/MPO-8 Cassettes

SMP™ Series, Male MTP®/MPO-8 to LC Pre-term.

Description

SMP™ Cassettes provide an interface between 8 fibers MTP®/MPO connectors and LC Duplex connectors. These Cassettes breakout out 8 fibers MPO terminations from the rear into 4x LC Duplex connectivity at the front. Widely applied in data center, between patch panel and interchanger, provide with cabling or optical fiber management to the equipment.

Features

- Up to 18 Cassettes enable 144 fibers per 1U
- Applied Ultra HD Patch Panel SMP™ Series
- Insertion and removal of drawer and modules with one hand
- The Push-Lock & Release design makes easy to install and uninstall.
- Single-handed handling of drawers and Cassettes
- Std Adaptor of LC & MTP®/MPO
- ISO/IEC 11801, ANSI/TIA-568-C.3, TIA-604-5(FOCIS-5), TIA-604-10 (FOCIS-10), RoHS Compliant

Applications

- Telecommunication network
- Data communication network
- Enterprise network
- Intrabuilding backbone
- Artificial intelligence (AI)
- Cloud computing
- High performance computing (HPC)
- TOR & Server interconnect
- Applied MTP®/MPO Base-8
- Connecting directly into 40GBASE-SR4, 100GBASE-SR4, 200GBASE-SR4. 400GBASE-DR4, 400GBASE-FR4

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Construction

Parameter		Value
Applied for		SMP™ Series, Ultra HD Patch Panel
Dimension(WxDxH)		63.9 X 163.9 X 12.7mm
Material		Engineering Plastic
Color		Black (RAL9005)
Adaptor		Front: LC / Rear: MTP®/MPO
Adaptor Color	LC	Aqua (OM3)
		Heather Violet (OM4)
		Lime Green (OM5)
		Blue (SM/OS2)
	MTP®/MPO	Black
Harness		Male MTP®/MPO-8 to LC Preterm.

Optical properties

Parameter			Value
MTP®/MPO Optical Performance	Insertion Loss IEC61300-3-4	Single mode	≤ 0.35dB(Low-Loss)
		Multimode	≤ 0.35dB(Low-Loss)
	Return Loss IEC61300-3-6	Single mode	≥ 60dB(APC)
		Multimode	≥ 25dB(UPC)
LC Optical Performance	Insertion Loss IEC61300-3-4	Single mode	≤ 0.20dB
		Multimode	≤ 0.20dB
	Return Loss IEC61300-3-6	Single mode	≥ 50dB(UPC)
		Multimode	≥ 25dB(UPC)
Cable Attenuation	Single mode / OS2		≤ 1.0dB/km at 1310/1550nm
	Multimode / OM3, OM4, OM5		≤ 3.0dB/km at 850nm ≤ 1.0dB/km at 1300nm

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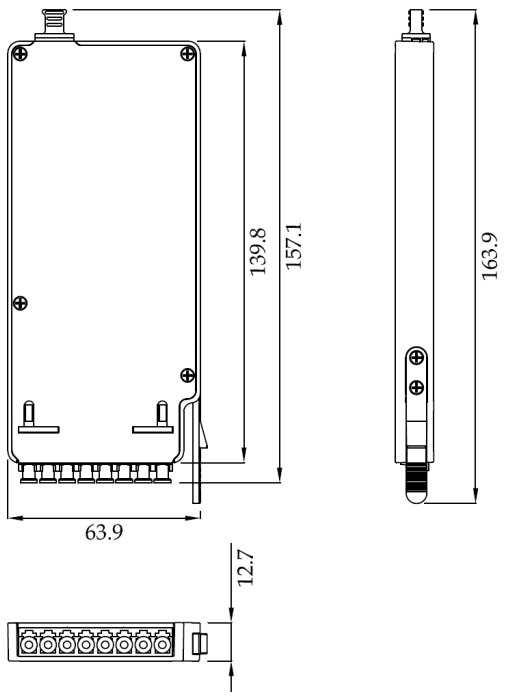
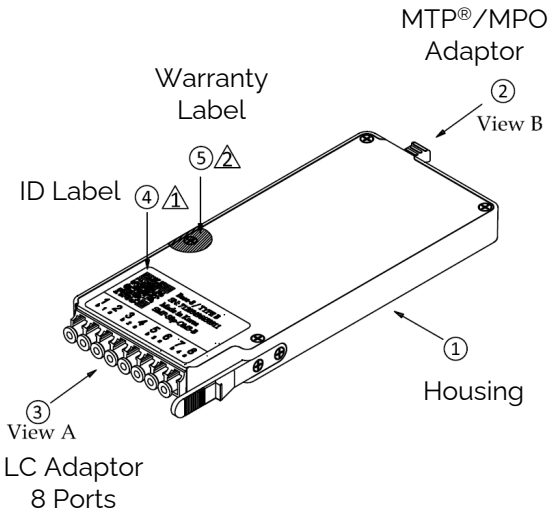
Environmental properties

Parameter		Value
Temperature	Storage Temp.	-40℃ to +70℃
	Installation Temp.	-10℃ to +60℃
	Operating Temp.	-10℃ to +70℃

Drawing





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Ordering information

Part number	Description of Products	Remark
SMP-S8Tp-OM3-X	MTP® Cassette, SMP™ Series, Base-8 Male MTP®-8 to LC OM3 Pre-term., Type X, Low-Loss	MTP® Cassette
SMP-S8Tp-OM4-X	MTP® Cassette, SMP™ Series, Base-8 Male MTP®-8 to LC OM4 Pre-term., Type X, Low-Loss	
SMP-S8Tp-OM5-X	MTP® Cassette, SMP™ Series, Base-8 Male MTP®-8 to LC OM5 Pre-term., Type X, Low-Loss	
SMP-S8Tp-SM-X	MTP® Cassette, SMP™ Series, Base-8 Male MTP®-8 to LC SM Pre-term., Type X, Low-Loss	
SMP-S8p-OM3-X	MPO Cassette, SMP™ Series, Base-8 Male MPO-8 to LC OM3 Pre-term., Type X, Low-Loss	MPO Cassette
SMP-S8p-OM4-X	MPO Cassette, SMP™ Series, Base-8 Male MPO-8 to LC OM4 Pre-term., Type X, Low-Loss	
SMP-S8p-OM5-X	MPO Cassette, SMP™ Series, Base-8 Male MPO-8 to LC OM5 Pre-term., Type X, Low-Loss	
SMP-S8p-SM-X	MPO Cassette, SMP™ Series, Base-8 Male MPO-8 to LC SM Pre-term., Type X, Low-Loss	

- X Polarity: A(Type A), AF(Type AF), B(Type B)