

DATA SHEET

LGX ELITE MTP® Fiber Cassette

Compact LGX Compatible MTP® Breakout Cassette

RLH Elite MTP® Fiber Cassettes are specially designed to reduce installation time and cost for optical network infrastructure deployment. The Cassette is compact in size with SC or LC adaptors at the front and MTP adaptor(s) at the back. This system enables a 12 or 24 fiber MTP trunk cable connection to instantly break out SC or LC connector types for immediate use.

These Cassettes use USConec MTP Elite adapters with high quality Corning optical fiber and polish finishes providing extra low loss performance. They are fully tested and ready for installation.

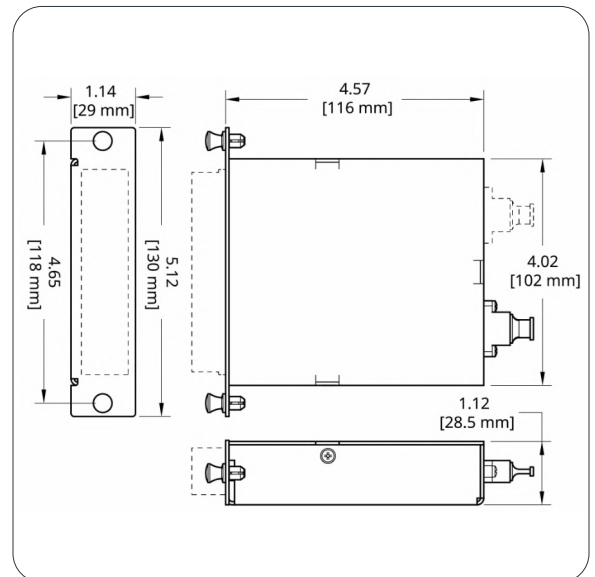
They are sized to be compatible with all RLH fiber patch panels that utilize LGX style adapter plates, so they may be mixed and matched as needed in compatible patch panels. This common adapter plate format is also compatible with patch panels from many other vendors, and provides maximum flexibility when integrating MTP cables into a standard patching environment with other fiber adapters.

Key Features

- Male (Pinned) 12 or 24 fiber USConec Elite® MTP® Connectors
- High quality Corning optical fiber Internal Breakout
- Singlemode and multimode fiber types available
- Durable steel construction
- LGX Form factor with Push/Pull latches
- Compatible with many fiber patch panels that support LGX Foot Print Adapter Plates
- Includes individual test results
- Meets or exceeds industry standards
- Conveniently identified fiber positions
- Save installation time and labor



24 Fiber LC OM3 Elite MTP® Cassette



Dimensions

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General Specifications

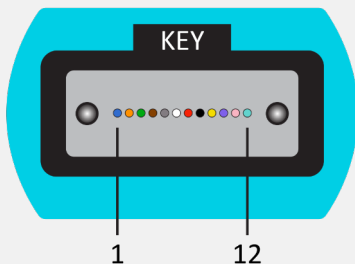
Cassette Construction:	Steel
Cassette Mounting:	LGX Style Mounting
Cassette Dimensions:	4.02" (W) x 4.57" (D) x 1.12" (H), (102 mm x 116 mm x 28.5 mm) *Not including faceplate
MTP Adapter:	Key Up to Key Down
Polarity:	Type A (Straight Through)
MTP Adapter Compliance:	Exceeds TIA-604-5, and IEC 61754-7-X Requirements

Connection Information

Connection Information

For 12 Fiber cassettes:

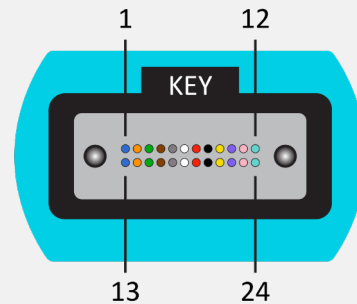
Single Connector - 12-fiber MTP adapter on the rear of the units and duplex LC or SC adapters on the front panel. Port layout is 1-2, 3-4 to 9-10, 11-12 connections on the front to match the MTP Connector Pin Outs.



Connection Information

For 24 Fiber Single Connector Cassettes :

Single 24-fiber MTP adapter on the rear of the units and duplex LC adapters on the front panel. Port layout is 1-2, 3-4..., 23-24 on the front to match the MTP connector Pin Outs.

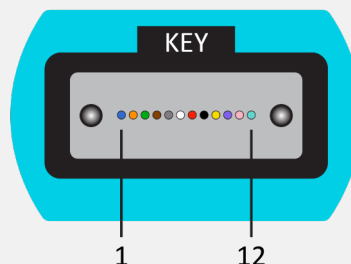


Connection Information

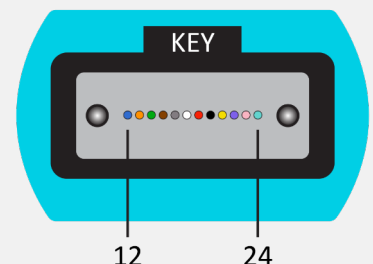
For 24 Fiber Dual Connector Cassettes

2 each 12-fiber MTP adapters on the rear of the cassettes, and duplex LC adapters on the front panel. Port Layout is split between two MTP adapters:

- MTP "A" port goes to 1-12 on the front
- MTP "B" port goes to 13-24 on the front



Port "A"



Port "B"

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Specifications



Part Number: MTPC-1M-12MMLC-1

12 Fiber LC Duplex, Multimode OM1 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Multimode (OM1)	A	LC	Beige	UPC	1	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12MXLC-1

12 Fiber LC Duplex, Multimode OM3 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Multimode (OM3)	A	LC	Aqua	UPC	1	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12MCLC-1

12 Fiber LC Duplex, Multimode OM4 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Multimode (OM4)	A	LC	Magenta	UPC	1	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12SMLC-1

12 Fiber LC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Singlemode (OS2)	A	LC	Blue	UPC	1	12	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max

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Specifications (cont'd)



Part Number: MTPC-1M-12SMLA-1

12 Fiber LC/APC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Singlemode (OS2)	A	LC/APC	Green	APC	1	12	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12MMSC-1

12 Fiber SC Duplex, Multimode OM1 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Multimode (OM1)	A	SC	Beige	UPC	1	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12MXSC-1

12 Fiber SC Duplex, Multimode OM3 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Multimode (OM3)	A	SC	Aqua	UPC	1	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12MCSC-1

12 Fiber SC Duplex, Multimode OM4 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Multimode (OM4)	A	SC	Magenta	UPC	1	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max

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Specifications (cont'd)



Part Number: MTPC-1M-12SMSC-1

12 Fiber SC Duplex, Singlemode OS2 MTP Cassette

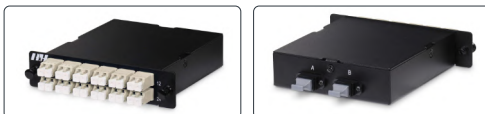
Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Singlemode (OS2)	A	SC	Blue	UPC	1	12	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-12SMSA-1

12 Fiber SC/APC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
12	Singlemode (OS2)	A	SC/APC	Green	APC	1	12	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-2M-24MMLC-1

24 Fiber LC Duplex, Multimode OM1 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Multimode (OM1)	A	LC	Beige	UPC	2	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-2M-24MXLC-1

24 Fiber LC Duplex, Multimode OM3 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Multimode (OM3)	A	LC	Aqua	UPC	2	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max

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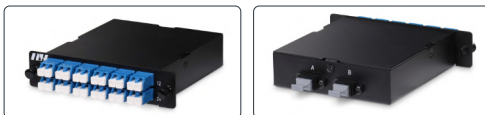
Specifications (cont'd)



Part Number: **MTPC-2M-24MCLC-1**

24 Fiber LC Duplex, Multimode OM4 MTP Cassette

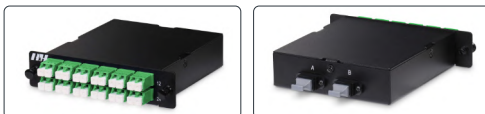
Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Multimode (OM4)	A	LC	Magenta	UPC	2	12	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: **MTPC-2M-24SMLC-1**

24 Fiber LC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Singlemode (OS2)	A	LC	Blue	UPC	2	12	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: **MTPC-2M-24SMLA-1**

24 Fiber LC/APC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Singlemode (OS2)	A	LC/APC	Green	APC	2	12	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: **MTPC-1M-24MMLC-1**

24 Fiber LC Duplex, Multimode OM1 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Multimode (OM1)	A	LC	Beige	UPC	1	24	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max

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Specifications (cont'd)



Part Number: MTPC-1M-24MXLC-1

24 Fiber LC Duplex, Multimode OM3 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Multimode (OM3)	A	LC	Aqua	UPC	1	24	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-24MCLC-1

24 Fiber LC Duplex, Multimode OM4 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Multimode (OM4)	A	LC	Magenta	UPC	1	24	FLAT	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-24SMLC-1

24 Fiber LC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Singlemode (OS2)	A	LC	Blue	UPC	1	24	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max



Part Number: MTPC-1M-24SMLA-1

24 Fiber LC/APC Duplex, Singlemode OS2 MTP Cassette

Total Fibers	Mode	Cassette Type	Front			Back				
			Adapter	Adapter Color	Polish	MTP® Adapter(s)	Fibers per MTP® Adapter	MTP® Endface	MTP® Connector	Insertion Loss
24	Singlemode (OS2)	A	LC/APC	Green	APC	1	24	ANGLED	US Conec Elite MTP® Male (Pinned)	0.35dB Max

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