

Lite Linke MTP® Cassette



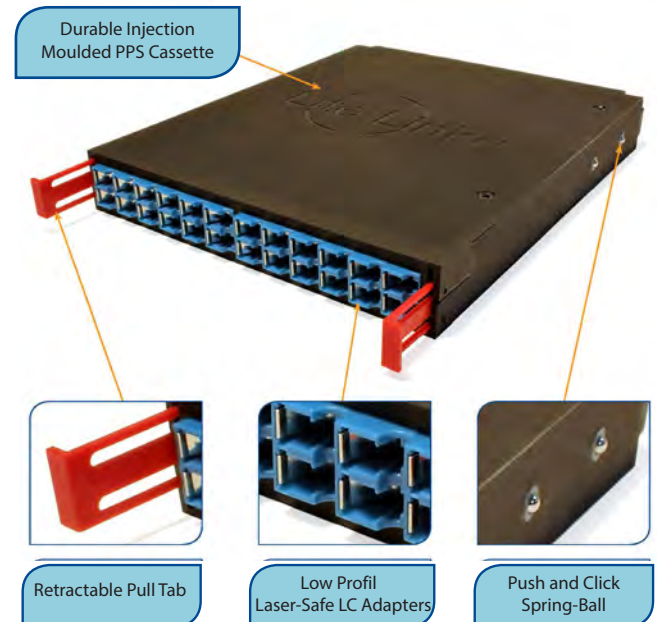
The Lite Linke MTP® Cassette is a compact, pre-patched component of the high density 19" Chassis system.

Each Cassette supports 24 fibres, with LC presentation on the front and a choice of either 1x 24-ferule MTP or 2x 12-ferule MTP adapters on the rear. Therefore it can be used with both 12 and 24-fibre MTP Trunk cables.

At just ½U in height, when used with the 6 and 20 slots Chassis, a maximum of 144 / 480 fibres can be supported in 1U / 3U.

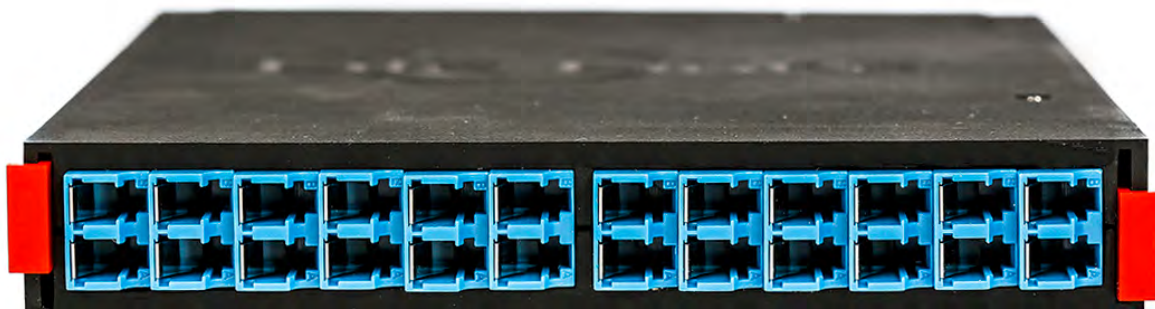
Manufactured using a tough, durable PPS material, the solution is also lightweight compared to metal alternatives.

The sealed cassette contains premium grade fan-outs; either 2x 12f or 1x 24f LC to MTP® elite on OM4 or single-mode fibre. To the front of each cassette are two sliding pull tabs which are used to aid removal from the chassis. The pull tabs recess into the cassette for tidy storage. Each cassette is fitted with 4x spring-ball bearings which locate inside the chassis with an audible click on correct fitting.



Features & Benefits

- MTP® Elite as standard - highest specification components for the best optical performance
- Shuttered LC Adapters - provide dust prevention and eye protection when a patch cable is not inserted
- Pre Configured & 100% Tested - a true Plug and Play installation so you can be up and running in minimal time
- 2x 12f or 1x 24f options - flexibility to choose between 12 and 24 fibre MTP connectors per cassette
- Two Chassis options - Lite Linke 1U 6 Slot and 3U 20 Slot, cassettes fit both for easy moves and changes
- Very high density - 144 fibres in 1U and 480 fibres in 3U enabling maximum value out of rack space
- Lightweight durable PPS material - tough without the bulk and weight of metal



Cassette Configuration

Specification / Standards

- MTP® connector meets IEC Standard 61754-7 and TIA/EIA 604-5 Type MPO
- MTP® Adapters – Aqua for multimode, Green for single-mode
- LC connector meets IEC 61754-20 and TIA 604-10-A
- LC Adapters – Aqua for multimode, Blue for single-mode
- Injection moulded PPS material
- Flammability meets UL94-V-0
- Tensile Strength to 211 MPa, Impact Strength to 104 J/m²
- Operation Temperature -40 ~ +80°C
- Colour – Black RAL 9005, Red Pull Tab RAL 3020
- RoHS Compliant

Dimensions

Cassette

Nominal: Length = 149mm, Width = 124mm, Height = 19mm Maximum

Protrusion Lengths

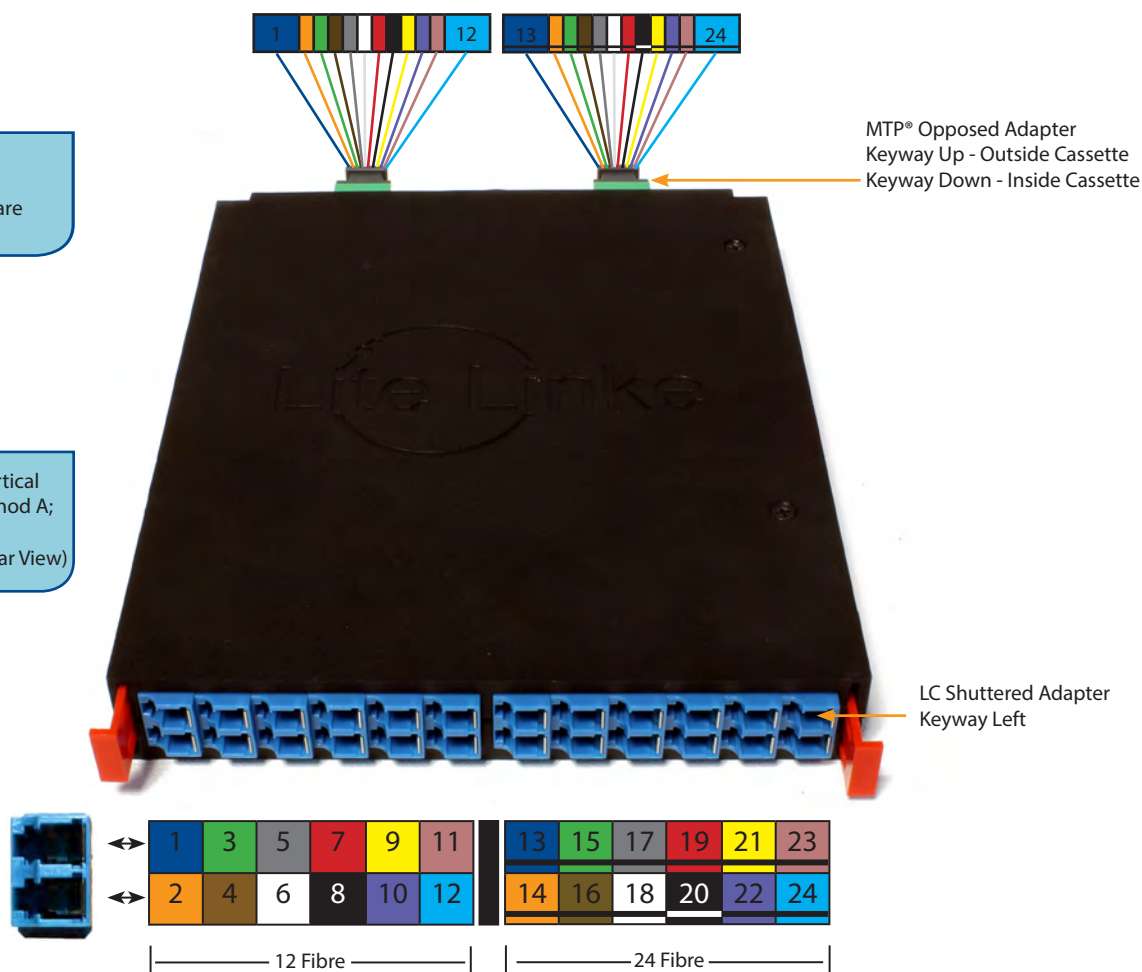
Nominal: LC Adapter - 3mm, MTP® Adapter - 12mm,

Pull Tab - 70mm, Cable Management Bar - 95mm

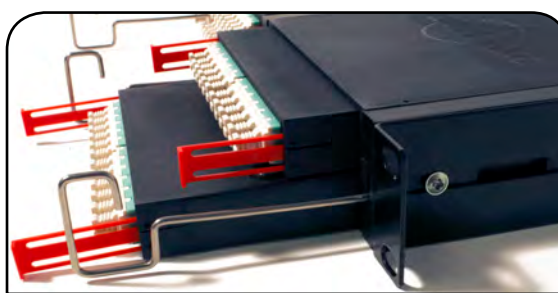
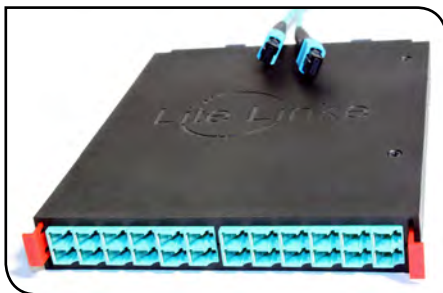
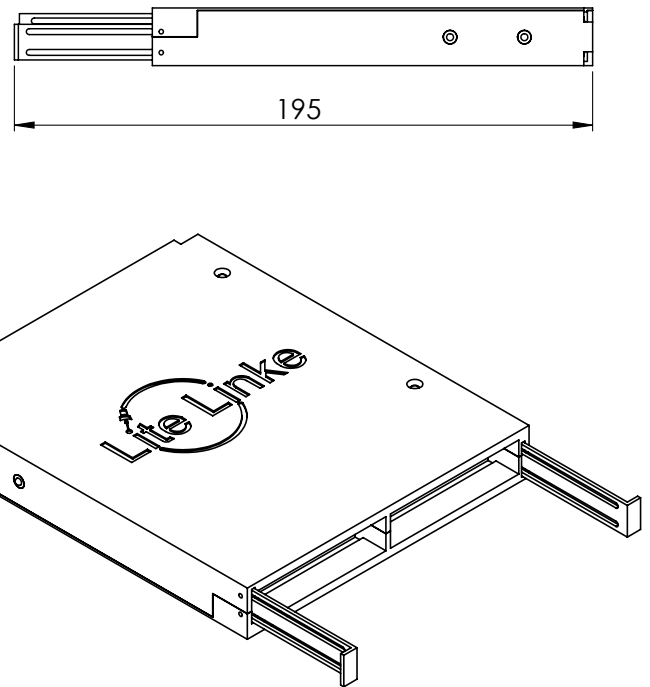
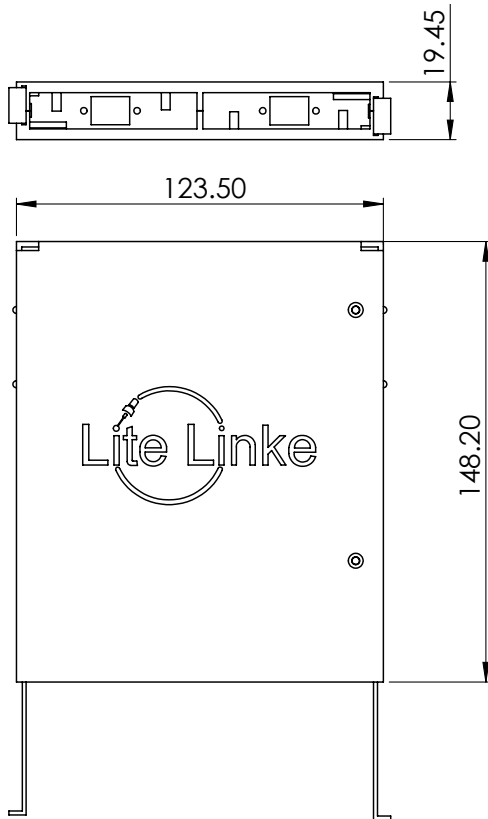
Optical Performance	MTP® Elite Multimode Connector	LC Low Loss Multimode Connector	MTP® Elite Single-mode Connector	LC Low Loss Single-mode Connector
Insertion Loss	0.10dB Typical (All Fibres) 0.35dB Max (Single Fibre)	0.08dB Typical 0.15dB Max	0.10dB Typical (All Fibres) 0.35dB Max (Single Fibre)	0.10dB Typical 0.15dB Max
Return Loss	≥30db	≥30dB	≥60dB	≥55dB

Lite Linke MTP® cassettes are configured to Method A. B or C cassette configurations are available upon request.

Lite Linke MTP® 3U CHASSIS vertical cassettes are configured to Method A;
LC Adapter - Keyway UP
MTP® Adapter - Keyway Left (Rear View)



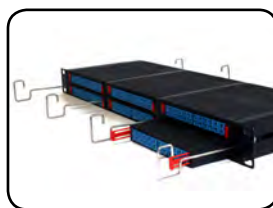
½U Modular Cassette Drawing



Related Products



MTP® Trunk Assemblies



MTP® 1U Chassis



MTP® 3U Chassis



MTP® Cleaning Solutions



LC HD Switchable Uniboot