

Zettonics^{TEN²¹}

Modular Optical Infrastructure



Zettonics TEN²¹ fibre management solution to
revolutionise your optical infrastructure

Designed to benefit you:

- Commercially designed - include the features you require
- Modular & scalable, designed for flexibility
- Ease of installation & patching, minimising disturbance
- Designed for flexibility
- Standards compliant
- Base 8 compatible
- Fast lead times
- Competitive pricing
- Rapid UK design & prototyping, manufacturing & assembly

Offering the following features:

- Fully modular
- Front & rear loading cassettes
- Cassettes lock securely into place
- Suitable for widest possible range of applications
- Choice of adaptors
- Retrofit front & rear cable management
- Configured around 8 fibre (2 x quad LC) offering Base 8 cabling migration path and compatibility



1U Chassis - 120 LC fibres



The 1U chassis, mountable in 19-in racks (other mounts available) provides user-friendly and flexible connectivity when combined with cassettes, harnesses, trunks and patch cords. The simple design allows 5 cassettes to be loaded from either the front or rear with easy, fast and secure latching.



Industry-standard connectivity. Operators and installers benefit from innovative push-pull design for easy cassette loading and unloading.



Optional, easy retrofit, front and rear cable management.

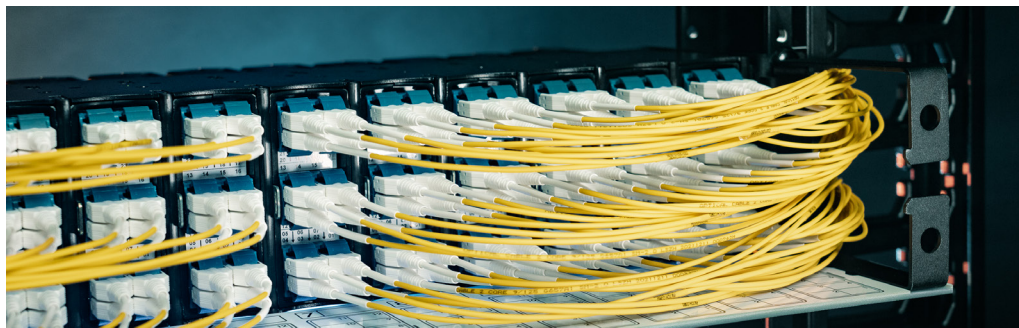
2U Chassis - 288 LC fibres



2U chassis can accept up to 12 modules offering 288 fibres (144 per 1U) on a standard LC quad adaptor.



Sharing many of the same components of the 1U chassis, the 2U chassis is designed for high density applications.

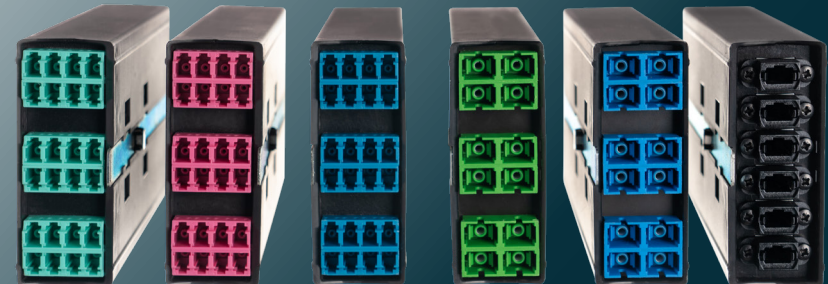


High density is not simply about the number of ports per rack unit. Rather, standardisation, flexible modularity and user friendly cable management, are most important for real-world network applications.

Cassettes

Cassettes are designed for all data centres and enterprise networks, easy to handle and fast to install. Cassettes offer tool-less installation with one click latching technology from the front and the rear.

They can be housed in either 1U or 2U chassis, are locked into place with a unique latching mechanism, and connected to the network using trunk cables and patch cords.



A comprehensive range of cassettes can be configured to meet your requirements:

- 1G/10G/25G Base 12 MTP/MPO to LC/SC
- 40G/100G Base 8 MTP/MPO to LC/SC Base 12 - Conversion Modules
- LC/SC "Direct Attach" Micro/Backbone Cable 8
- LC/SC Splice
- Splitter/Tap
- Copper

Given the unique design, both front and rear plates can be modified to build a cassettes that meets the requirements of your application.



Trunk Cables

Zettonics TEN²¹ Ultra low insertion loss MTP®/MPO trunk cable for a 40G/100G direct connection. Singlemode and Multimode trunk cables are recommended for high-density data centre applications. Our MTP®/MPO trunk cables are fully tested for low insertion loss and back reflection on every connector and attenuation loss that meets or exceeds current industry standards.



Breakout Cables

Zettonics TEN²¹ MTP®/MPO Breakout cable, a cost-effective alternative to time-consuming field termination, is designed for high-density fibre patching in data centres which need space saving and reduce cable management troubles. It is optimised for 40G QSFP+ SR4 to 10G SFP+ SR, 100G QSFP SR4 to 25G SFP-25G-SR-S optics direct connection and high-density data centre applications.

Contact Us

Get in touch with a member of the team via email



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Visit our website to view our extensive range of optical fibre products.



www.zettonics.com