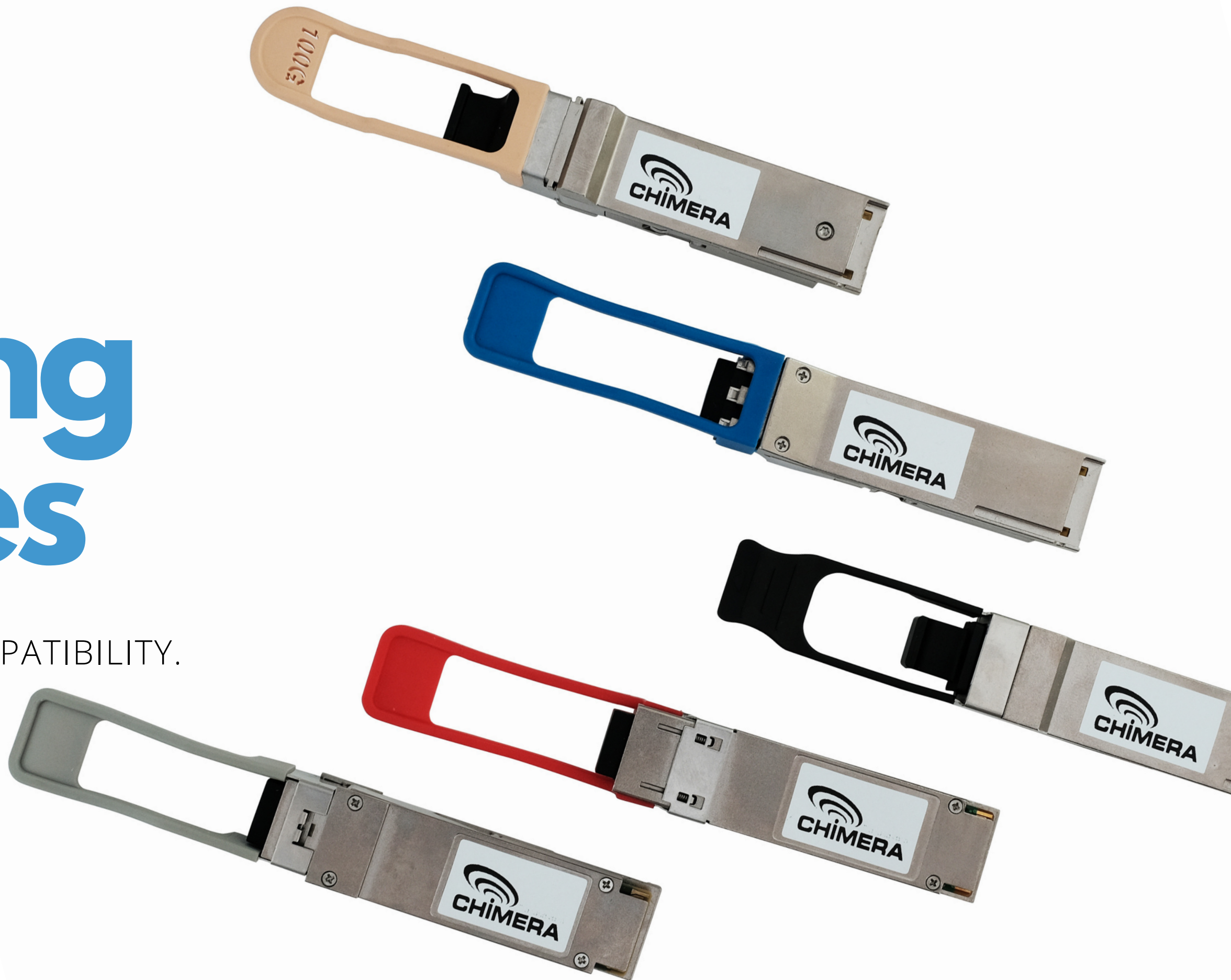


MEGNET

Optical networking accessories

DESIGNED AND MANUFACTURED FOR COMPATIBILITY.



About MEGNET

Founded in 2003, Megnet offers you the opportunity to choose IT network accessories from the very best OEM Alternatives to maximise the quality of the product and are priced competitively.

We are experienced in the telecommunications and network industry, and proud of our global expansion across Europe, Africa and the Middle East.

We offer high-quality network-compatible components with big cost savings, short lead times and we offer customers the products they need when they need them. Our aim is to create long-term relationships to help you grow your business.





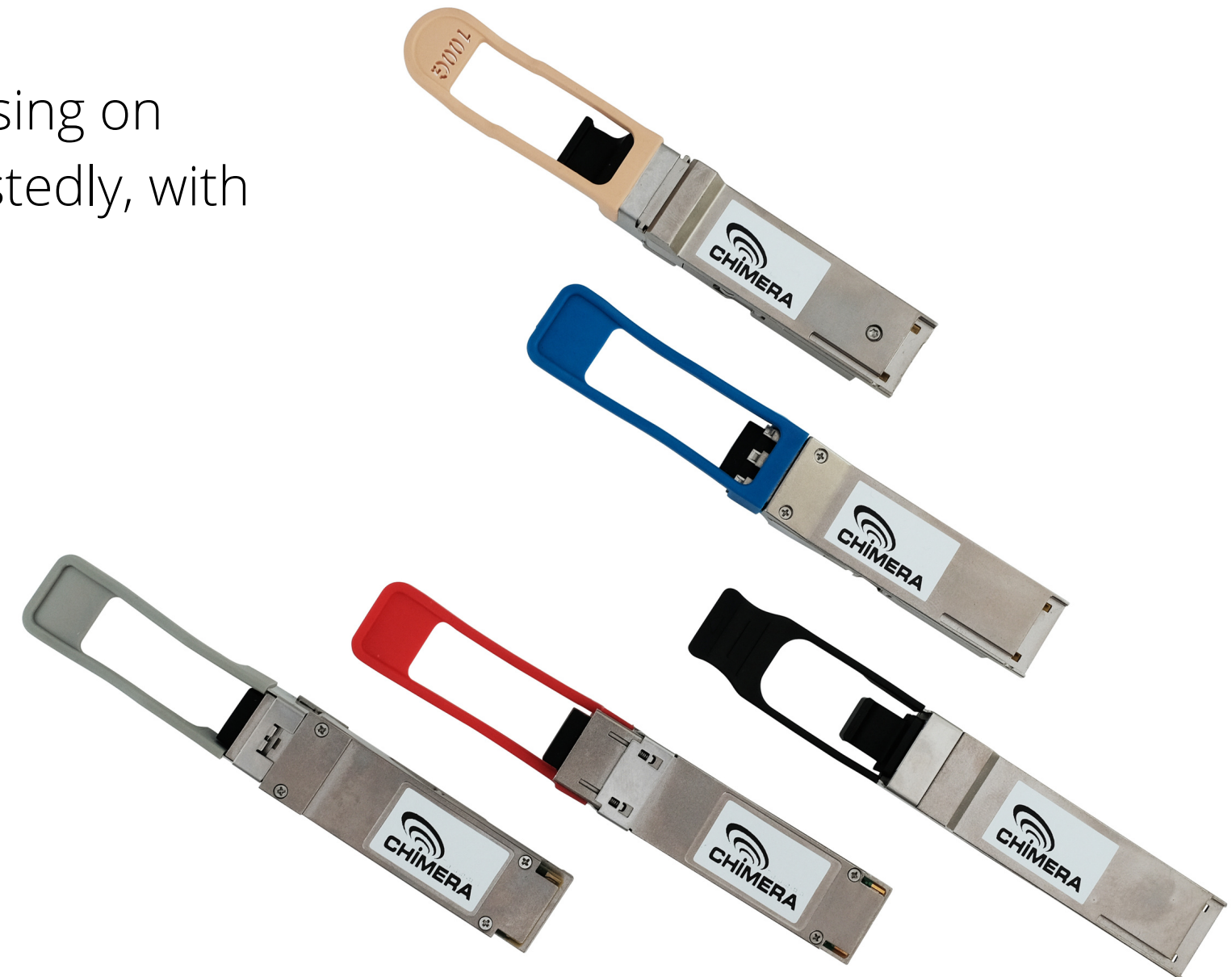
CHIMERA

Our Chosen
OEM Provider

"Guarantee a supercharged network
with Chimera"

Purchasing Chimera enables you to save on costs without compromising on quality. All Chimera products are tested to industry standards exhaustively, with switches and routers from all major OEM vendors.

- **High-quality networking accessory product range**
- **Guaranteed OEM compatibility with big cost savings**
- **Sourced from the same factory as leading manufacturers**
- **Guaranteed 100% compatibility**
- **Up to 80% cost savings**
- **Lifetime warranty guarantee**



Why Choose MEGNET

0.3% RMA rate makes Chimera a zero risk choice!

We're so proud to publish that we currently hold less than 0.3% Return Material Rate for our Chimera Products, we monitor and try to improve upon this continuously.

100% compatible guaranteed

All Chimera products are tested to industry standards exhaustively with switches and routers from all major OEM vendors.



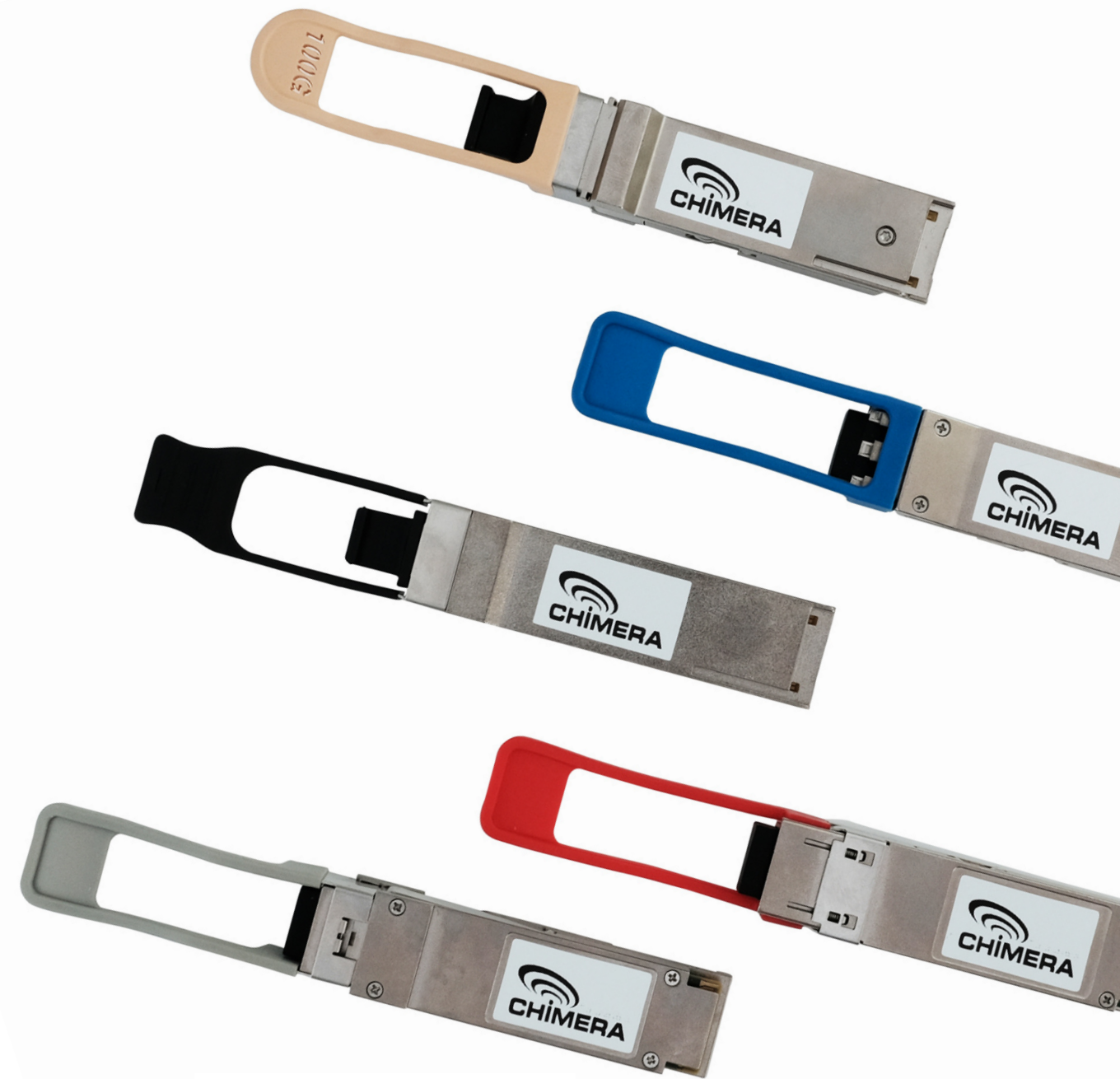
Lifetime warranty

We're so confident in the quality and performance of our Chimera branded products that we offer a lifetime warranty on them. Here's what that means:

Chimera transceivers identified as having a limited lifetime warranty ("The Product") are warranted against defects in materials and manufacture to the original purchaser for so long as the purchased Product continues to be manufactured.

Best availability across the UK and Europe

For a variety of reasons, many customers find themselves needing optical transceivers ASAP to complete a project or fix an outage. At Megnet, we maintain a good level of stock to make sure we can fulfil orders the very next day.



Next day delivery

We offer next day delivery on orders across the UK placed before 2pm GMT.

Our Product Range

Transceivers: SFP/ SFP+ / CFP / QSFP / GBICS / X2 / XENPAK / CWDM / DWDM – all major manufacturers / custom made

Memory: DRAM / Flash / DIMM for Routers, Switches & PCs – all major manufacturers

Cables: Networking cables / Fibre Optic Patch Cables / Mode Conditioning Cables / Infini-band Cables / Power Cables/Custom made

Hardware: Refurbished / new/hard to find / end of Life – all major manufacturers

Media Convertors: All major manufacturers

Network Adapters: All major manufacturers

Hard Disks: HP / IBM / DEC / Compaq / Seagate / Fujitsu – plus all other major manufacturers

Media Tapes: All major manufacturers

Storage: All major manufacturers

Rackmount kits: All major manufacturers

Cards: Expansion module / Encryption modules / Adapter modules - All major manufacturers

Transceivers

10G | 10G Copper SFP+

The Chimera SFP+ 10G copper transceiver is a high-performance data link transceiver that integrates duplex communications over Copper cable. It is purposefully designed for high speed 10 gigabit Ethernet over a Cat6/7 Cable through a RJ45 connection. This SFP+ is the first to be able to operate at 10Gb/s communication over copper Ethernet cabling.



40G | QSFP+

Our 40G range offers a variable solution to scalability in a network. The QSFP+ form factor offers the perfect balance between efficiency, speed and cost. Able to operate at high speed 40G Ethernet fibre infrastructure will increase the bandwidth of your backbone network without the expense of the higher speed networks.

Transceivers

100G | CFP/CFP2/CFP4/QSFP28

We offer a complete range of solutions for 100GB transceivers such as CFP, CFP2, CFP4 and QSFP28. As the demand for higher performance is constantly changing, the 100GB will help meet these requirements. The 100GB can help data centres and businesses improve their infrastructure to achieve higher levels of performance and reliability.

Our 100GB are compatible for all major manufacturers, including Cisco, Juniper, Brocade, Huawei and Arista.



400G | QSFPDD

Our 400Gb transceiver range provides an optical module from 2km and up to 10km communication applications. The perfect product range for datacentres. The module converts 8 channels of 50Gb/s (PAM4) electrical input data to 4 channels of CWDM optical signals and multiplexes them into a single channel for 400Gb/s optical transmission. Reverse, on the receiver side, the module optically de-multiplexes a 400Gb/s optical input into 4 channels of CWDM optical signals and converts them to 8 channels of 50Gb/s (PAM4) electrical output data.



Transceivers

SFP+

The enhanced small form-factor pluggable (SFP+) is an enhanced version of the SFP that supports data rates up to 16 Gbit/s. SFP+ supports 8 Gbit/s Fibre Channel, 10 Gigabit Ethernet and Optical Transport Network standard OTU2. It is a popular industry format supported by many network component vendors.



SFP

The small form-factor pluggable (SFP) is a compact, hot-pluggable transceiver used for both telecommunication and data communications applications. The form factor and electrical interface are specified by a multi-source agreement (MSA). It interfaces a network device motherboard (for a switch, router, media converter or similar device) to a fibre optic or copper networking cable. It is a popular industry format jointly developed and supported by many network component vendors. SFP transceivers are designed to support SONET, gigabit Ethernet, Fibre Channel, and other communications standards.



Transceivers

X2 / XENPAK

XENPAK modules are supplied for physical layer interfaces supporting multi-mode and single-mode fibre optic cables and InfiniBand copper cables with connectors known as CX4. Transmission distances vary from 100 metres (330 ft.) to 80 kilometres (50 mi) for fibre and up to 15 metres (49 ft.) on CX4 cable. Newer XENPAKs using the 10GBase-LX4 standard operated using multiple wavelengths on legacy multi-mode fibres at distances of up to 300 metres (980 ft.), eliminating the need to reinstall cable in a building when upgrading certain 1 Gbit/s circuits to 10 Gbit/s.



GBIC

A gigabit interface converter (GBIC) is a standard for transceivers, commonly used with Gigabit Ethernet and fibre channel in the 2000s. By offering a standard, hot swappable electrical interface, one gigabit port can support a wide range of physical media, from copper to long-wave single-mode optical fibre, at lengths of hundreds of kilometres.

XFP

The XFP (10 Gigabit Small Form Factor Pluggable) is a standard for transceivers for high-speed computer network and telecommunication links that use optical fibre.



Fibre Optic Patch Cables

At Megnet, we supply a wide range of fully customisable Fibre Optic Patch Cables.

Our Cables offer the ideal solution for long-distance and complex cabling. All our cables are APC with a “Low Smoke Zero Halogen” sheath as standard (other options are available).



Direct attach cables

10GSFP+Cu are a copper interconnect using a passive twinax cable assembly that connects directly into SFP+ housing. It has a range of 10 meters and like 10GBASE-CX4, is low power, low cost and low latency with the added advantage of having the small form factor of SFP+, and smaller, more flexible cabling.



Media Converters & Memory

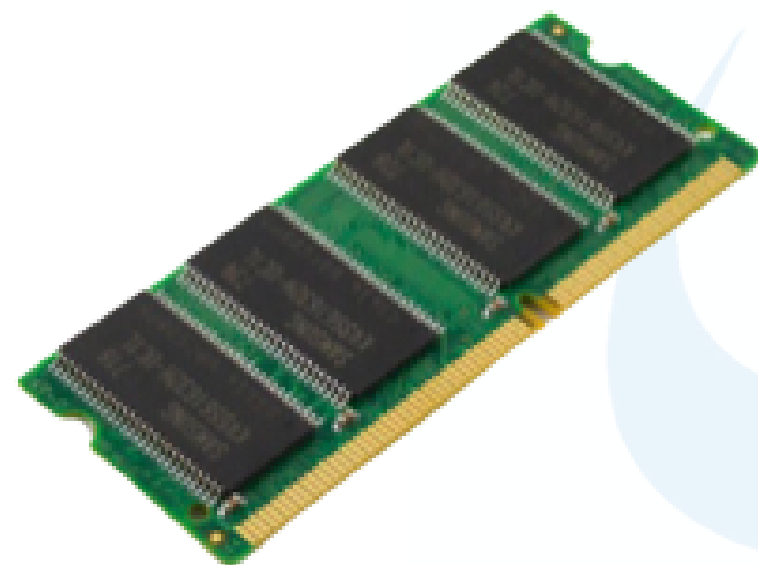
Media Converters

Our fibre media converters enable you to connect with up to two unique media types and can modify duplex and speed settings. Connect with older 10BASE-T networking equipment to more recent, up to date 100BASE-TX or 100BASE-FX Fast Ethernet infrastructure. Copper-to-fibre and fibre-to-fibre media converters are also possible; when this feature is used the product performs wavelength conversions by using Small Form Pluggable (SFP) transceivers that can transmit different wavelengths.



Memory

Produced to the highest standards and are ISO compliant, Megnet memory has undergone extensive qualification and testing to ensure the highest level of performance. Our memory products are supplied with a full lifetime replacement warranty, a measure of the confidence we have in our testing procedures and superior product quality and the range is available on short delivery lead times. We supply all leading brands.



Looking for custom requirements?

We offer a wide range of customisations on most of our product lines. □

Call one of our account managers with your requirements so that we can start helping you today.

Transceivers

Custom distance, wavelengths, operating temperature.

Cables

Lengths, distances, colours, connectors, diameter, covers.

Media Convertors

Ports, wavelengths, operating temperature.

[Book a call](#)

Lifetime warranty

We set ourselves apart from other companies with our unparalleled product quality. We invest heavily in highly trained staff to ensure that our customers receive the best quality possible.

As our commitment to this, we offer a full lifetime replacement warranty on all Chimera products and on most of our compatible options apart from refurbished products.



Contact us today to find out more about our products.