

The logo for TXO, featuring the letters 'TXO' in a bold, dark blue font. The letter 'O' is a white circle with a dark blue outline, set against a bright green circular background that curves from the top left towards the center of the page.

TXO

OEM compatible optical transceivers

A circular inset image showing a close-up of a server rack. The focus is on a row of optical transceivers. A blue fiber optic cable is plugged into one of the ports. The background is blurred, showing other parts of the server rack and more cables.

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Servicing 156 countries in 13 languages

Registered in England & Wales:

Company Registration No: 05479601

VAT Registration No: GB840431165



We develop bespoke optical transceivers guaranteed to meet your unique needs.

Deep telco equipment knowledge

Other companies with a similar profile to us at TXO simply re-label product that they purchase from the factory and have no or limited ability to test in the appropriate equipment.

We have been supporting telecoms equipment since 2005 and believe that we have the largest range of telecoms equipment within our test lab. This means that we can optical transceivers in the relevant networking equipment in order to ensure inter-operability. Importantly we have this capability and knowledge across the full range of telecom domains such as SDH/SONET/DWDM/OTN, not just basic enterprise use Ethernet devices.

MSA compliant

Our branded compatible optical transceivers are Multi Source Agreement (MSA) compliant which means that they meet the same operating specifications as those provided by the OEM. Here at TXO we are an authority in all aspects of MSA compatible optical transceivers including coding/programming, testing and distribution to anywhere in the world.

Great value

We have saved customers up to thousands of USD/EUR on a single module for a product of comparable quality.

Robust testing procedure

Our documented testing procedure is in place for the following equipment types and we routinely produce transceivers for use in these systems, after being fully tested in the equipment in our test lab.

- Ciena 6500
- Alcatel SR 7750 and 7450
- Cisco Optical 15454 DWDM
- Alcatel Omniswitch
- Cisco ASR
- Juniper MX960
- Ciena 3960, 3916 ethernet switches
- Ericsson Redback Smart Edge 1200 router
- Alcatel ASAM 7360
- Nokia and Ericsson RAN equipment
- Cisco equipment for CMTS such as uBR
- Arista 7280SE-68 – data centre switch with QSFP28 (100G capability)
- Any other platform can be supported subject to business case

Quality first

We understand that the value of the services running on the equipment is high and also that quality and attention to detail is critically important. That's why we test optical transceivers for both functionality in terms of transmit power and receive sensitivity of the laser using appropriate test and measurement equipment. As well as for inter-operability in the intended equipment. In the rare event that the product is not completely satisfactory we will always replace it for you.