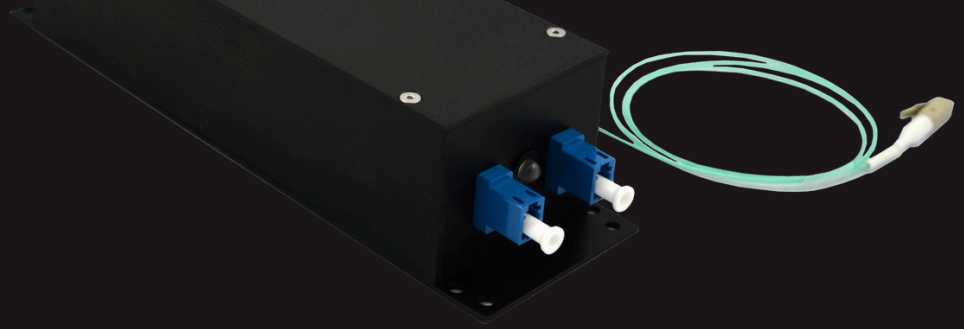




NGXS OEO Diode

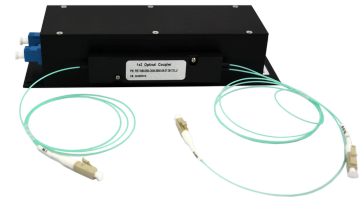


Technical Description

The **NGXS Optical-Electrical-Optical (OEO) data diode** converts the incoming optical signal to electrical and back to optical, thereby ensuring unidirectionality through signal conversion process and connectivity. The OEO diode also includes proprietary power isolation capabilities.

There are two versions of the NGXS OEO data diode available: a **10Gbps version (OEO-10)** and a **25Gbps version (OEO-25)**.

While the two versions use different SFPs for network communications, they are functionally equivalent and both have the same EAL4+ certification.



Technical Specs

Network Connection Speed	10Gbps (OEO-10), 25Gbps (OEO-25)
Dimensions & Weight	2" (W) x 7.5" (L) x 1.6" (H) 0.6 lbs (275g)
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Non-Operating Temperature	-20°C - 80°C (-4°F - 176°F)
Operating Relative Humidity	10% ~ 85% (non-condensing)
Non-Operating Relative Humidity	10% ~ 95% (non-condensing)
I/O Ports	1 x Fiber (TX/RX) 1 x Fiber (TX)
Power	5V DC