SNEXUS Optical Transceiver Series
1/10 Gigabit Optical Transceivers

Product Overview
Snexus transceivers achieve long distance data transmission and high-speed communication. Optical transceivers for multimode and single-mode fiber are available supporting 1 Gigabit, 10 Gigabit, and 40 Gigabit speeds. Form factors include SFP, SFP+, QSFP+.

Ideal for Campus Applications
Support for maximum cable lengths between 100m and 10km is ideal for businesses spanning multiple premises

High Performance
Gigabit, 1-Gigabit, and 10-Gigabit data transfer rates provide network transmission speeds that business environments demand

Hot Pluggable
Easily switch out transceivers while the power is on, facilitating network maintenance and minimizing downtime. All Snexus transceivers are hot pluggable. Users can connect a transceiver while the system is powered on without causing any issues, and easily swap one for another without having to reboot the switch each time. This permits modules to be added or removed without interrupting the network, facilitating maintenance, and greatly reducing downtime.

Gigabit Transceivers

The SFP transceivers are high-performance, cost-effective modules supporting data-rate of 1.25Gbps and 550M transmission distance with MMF

- Small Form-Factor Pluggable (SFP)
- Multimode fiber and single-mode fiber versions
- Hot pluggable
- Supports 1G Ethernet
- RoHS Compliant
- Compliant with MSA (Multiple Source Agreement)
- Compliant with IEEE 802.3z standard

10 Gigabit Transceivers

The SFP transceivers are high-performance, cost-effective modules supporting data-rate of 1.25Gbps and 10KM transmission distance with SMF.

- Enhanced Small Form-Factor Pluggable (SFP+)
- Multimode fiber and Single-mode fiber versions
- Hot pluggable
- Supports 10G Ethernet
- RoHS Compliant
- Compliant with MSA (Multiple Source Agreement)
- Compliant with IEEE 802.3ae & 802.3aq standards

This product is a transceiver module designed for 2m-10km optical communication applications.

Specifications

MODEL	SN-SX-1G	SN-LX-1G	SN-SR-10G	SN-LR-10G
IEEE Standard	1000BASE-SX	1000BASE-LX	10GBASE-SR	10GBASE-LR
Speed	1 Gbps	1 Gbps	10 Gbps	10 Gbps
Package	SFP	SFP	SFP+	SFP+
Fiber Type	MM	SM	MM	SM
Optical Connector	Duplex LC	Duplex LC	Duplex LC	Duplex LC
Wavelength	850nm	1310nm	850nm	1310nm
Speed	1.25 Gbps	1.25 Gbps	10 Gbps	10Gbps
Distance	50/125 µm: 550 m	10Km	50/125 µm: 300 m	10Km
Hot Pluggable	Yes	Yes	Yes	Yes
MSA Compliant	Yes	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes	Yes
Operating Case				
Temperature	-30~70°C			

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NETWORKS