

TRANSCEIVER PLUG-INS

ONS-CX-SFP / ONS-SX-SFP



Small form-factor. High speed.

Optigo Networks helps achieve scalability and high-speed communications with small form-factor pluggable transceivers (SFPs) for Passive Optical Networking (PON). These small devices transmit and receive light on fiber and translate it into electrical signals for the switches. The SFPs plug into the Smart Aggregation and Edge Switches' SFP ports, and then connect to the fiber. All fiber ends should be terminated with an SFP.

These SFPs are unique to Optigo Networks' Connect product line. The ONS-SX-SFP connects to the Smart Aggregation Switch to transmit and receive data over single-mode fiber. The ONS-CX-SFP connects to the Edge Switches. It works similarly to the ONS-SX-SFP, but also has an integrated microprocessor to handle the PON protocol. These SFPs are not interchangeable, with each other or with third party SFPs.

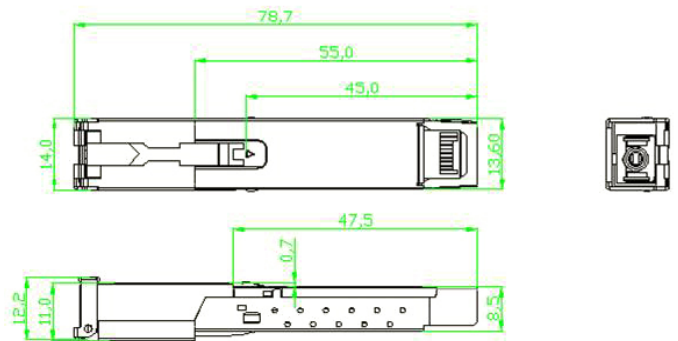
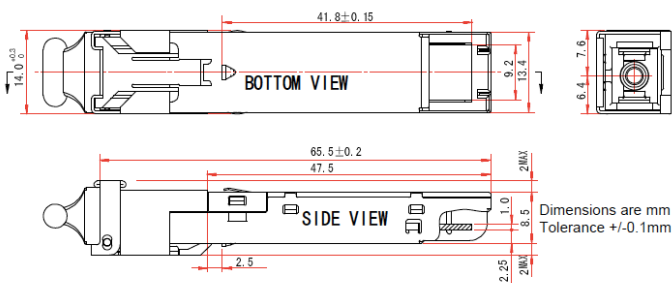


ONS-CX-SFP



ONS-SX-SFP

Mechanical Dimensions



ONS-CX-SFP

- Compatible with Optigo Edge Switches
- Single fiber, full duplex operation

ONS-SX-SFP

- Compatible with Optigo Smart Aggregation Switch
- "Plug and play" auto-discovery and configuration



ONS-C1601pi with ONS-CX-SFP



ONS-S8 with ONS-SX-SFP

Product Specifications

TECHNICAL INFORMATION		
PARAMETER	ONS-CX-SFP	ONS-SX-SFP
CONNECTOR TYPE	SFP with SC receptacle	SFP with SC receptacle
CASE OPERATING TEMPERATURE	0C to 70C	-40C to 85C
MODULE SUPPLY VOLTAGE	3.3 V	3.3 V
TX WAVELENGTH	1310 nm	1490 nm
RX WAVELENGTH	1490 nm	1310 nm
TX LAUNCH POWER	0 to 4 dBm	2.5 to 7 dBm
RX SENSITIVITY	-27 dBm	-30 dBm
RX SATURATION POWER	-3 dBm	-6 dBm
CERTIFICATIONS	IEEE 802.3ah, SFF 8472, FCC 47 CFR Part 15, Class B, FDA 21 CFR 1040, 10 and 1040.11, IEC-60825, RoHS	IEEE 802.3ah, SFF 8472, FCC Part 15, Subport J, FDA 21 CFR 1040.10 and 1040.11, IEC-60825, RoHS, UL1950 and UL94, CSA 22.2, IEC 60950