

1G SFP CWDM Transceiver

Plugin Optics provides the highest quality, best-in-class compatible optical transceivers that are 100% real-world tested in equivalent OEM equipment. Servicing Telecom, Datacenter, and Enterprise markets, our 1G CWDM optics can be used as part of a passive solution that enables network operators to cost-effectively expand their fiber capacity. While our CWDM SFPs are typically available in the standard ITU CWDM range (1470 to 1610 nm, 20nm spacing), lower CWDM wavelengths (1450nm and below) are available upon request.



Technical Specifications

Data Rates and Distances

1G/1.25 Ethernet

Reach from 40km to 160km

Standards

RoHS compliant, applicable IEEE standard.

All MSA (multi-source agreement) compliant.

Connector(s)

Duplex LC

Additional Highlights

Available in both standard temperature (0 to 70°C) and industrial temperature (-40 to 85°C).

Warranty

All transceivers feature a limited lifetime warranty.

Compatibility

Notable OEM platforms supported include:

Alcatel/Nokia, Arista, Brocade, Calix, Ciena, Cisco,

Ericsson, Juniper, MSA standard and many others.

Please contact us at cx@pluginoptics.com if you do not see your OEM here.

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receiver Sensitivity (dBm)	Power Supply	Power Dissipation
1G SFP CWDM								
SFP-CWDM-40-PLO	1270-1610	SMF	40km	1.25Gbps	-5/0	-24	3.3V	1W
SFP-CWDM-80-PLO	1270-1610	SMF	80km	1.25Gbps	-5/0	-26	3.3V	1W
SFP-CWDM-120-PLO	1270-1610	SMF	120km	1.25Gbps	0/5	-31	3.3V	1W
SFP-CWDM-160-PLO	1270-1610	SMF	160km	1.25Gbps	1/6	-33	3.3V	1W