

# Optical Fibre Gigabit SFP - Commercial Grade 1.25Gbps SFP Optical Transceiver



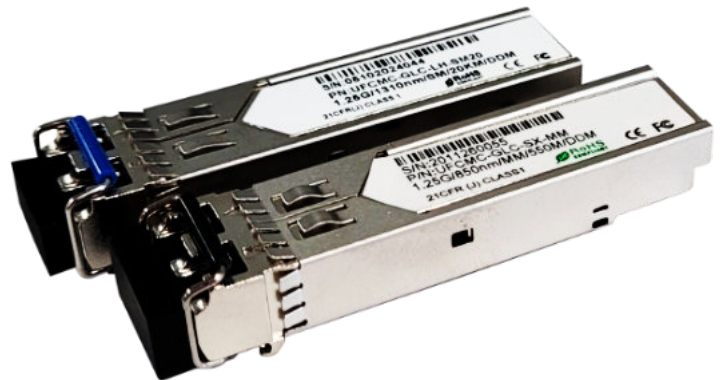
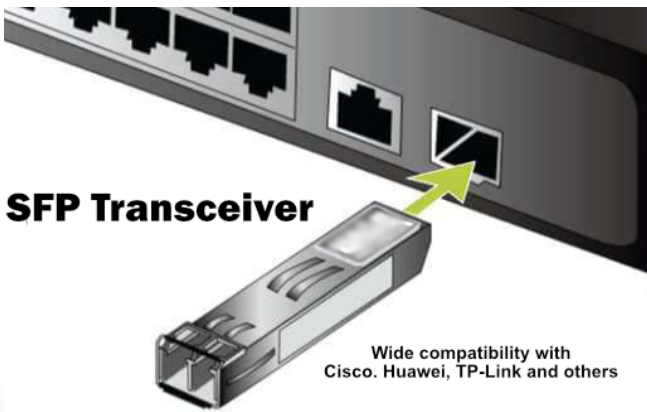
## Description

The SFP transceivers are high performance, cost effective modules supporting 1.25Gbps/1.0625Gbps data-rate with 20km transmission distance with SMF and 500m transmission distance with MMF.

The transceiver consists of three sections: a 1310nm FP laser (850nm VCSEL laser transmitter for MM), a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements.

The transceivers are compatible with SFP Multi-Source Agreement (MSA) and SFF-8472.

SM SFP - Commercial Grade	MM SFP - Commercial Grade
Data-rate of 1.25Gbps operation	Data-rate of 1.25Gbps operation
1310nm FP laser and PIN photodetector for 20km transmission	850nm VCSEL laser and PIN photodetector
Compliant with SFP MSA and SFF-8472 with duplex LC receptacle	
Digital Diagnostic Monitoring: Internal Calibration or External Calibration	
Compatible with SONET OC-24-LR-1	
20km transmission with 9/125µm SMF	500m transmission with 50/125µm MMF 300m transmission with 62.5/125µm MMF
Compatible with RoHS	
+3.3V single power supply	
Operating case temperature: Commercial: 0 to +70 °C	



## Part Numbers

UFCMC-SFPMM	SFP MM Gigabit 550m 850nm Duplex Fibre, Cisco compatible
UFCMC-SFPSM20	SFP SM Gigabit 20km 1310nm Duplex Fibre, Cisco compatible