

10GBase-LR SFP+ module

SFP-10G-LRT-CAP



Proxim's 10GBase-LR SFP+ module provides 10 Gigabit Long Range fiber connection to Stratum X5 device (up to 10 kilometers).

- Hot Pluggable
- Maximum link length of 10 km on OS2 Single-Mode Fiber (SMF)
- Duplex LC interface
- 1310nm DBF transmitter, PIN photo-detector
- Industrial temperature range
- Low power consumption
- All-metal housing for superior EMI performance
- M25 Cable Gland provided.

Ordering Information

CPN	Description
949-00164	SFP+ module for Stratum X5, 10 Gbps, Long Range, Single-Mode Fiber, 1310nm, 10km, Optical Transceiver + M25 Cable Gland

SFP Module Specifications and Performances

Wavelength	1310 nm
Operating Voltage	3.3 VDC
Power Consumption	1 W
10GBase-LR mode	10.3125 Gbps

Supported Fiber

Fiber Type	Cable Type	Operating Range (kilometers)
9 µm SMF	OS1	Up to 2 km
	OS2	Up to 10 km

Environment & Mechanical

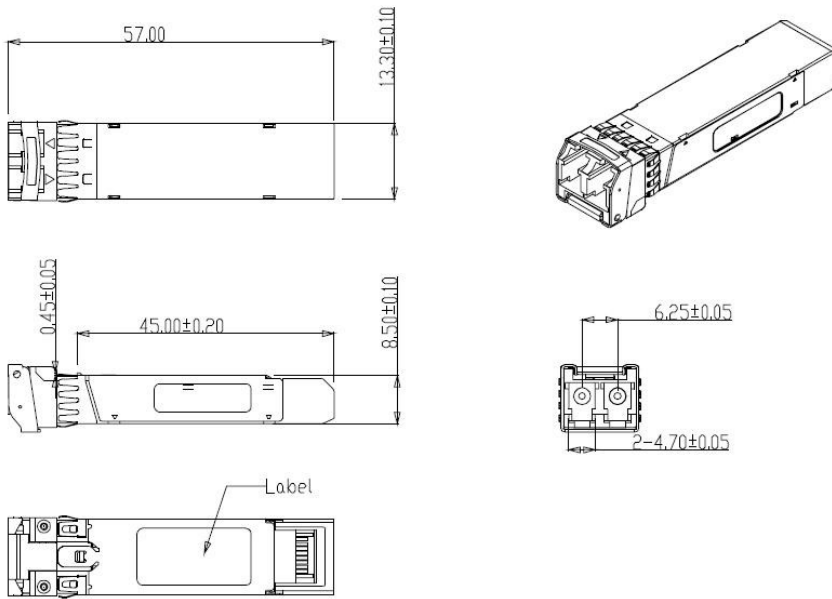
SFP module	
Housing	All metal
Dimension	57 x 13.3 x 8.5 mm
Weight	20 g
Storage Temperature	-40 to +85 °C
Operating Case Temperature	-40 to +85 °C
Relative Humidity	5 to 95 %
Environmental protection	RoHS Directive 2002/95/EC
M25 cable gland	
Material	Nylon (Body) and Rubber (Seals and O-ring)
Dimension	80 x Ø30.7 mm
Weight	45 g
Temperature	-40 to +90 °C
Relative Humidity	100% - IP67
Environmental protection	RoHS Directive 2011/55/EC

Certifications

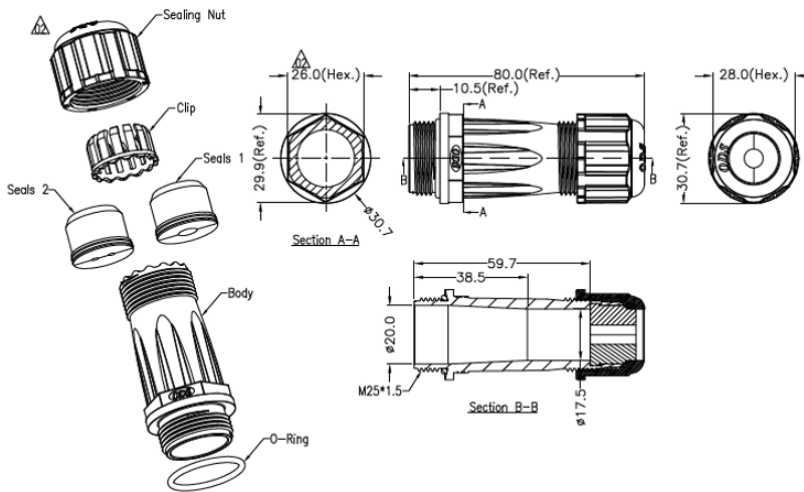
M25 Cable Gland Safety	UL 94-v0, F1
SFP module Safety	UL/EN 60950-2:2007
Laser Safety	CDRH 21 CFR 1040 and Laser Notice No. 50
SFP module EMC	EN 55022:2006+A1:2007 EN 55024:1998+A1+A2:2003

Schematics

SFP module



Cable Gland



Package Contents

- One 10GBase-LR SFP+ modules
- One M25 fiber cable gland

ABOUT PROXIM WIRELESS:

Proxim Wireless is a global leader in advanced wireless broadband and WiFi solutions that deliver high performance and high availability communications. Celebrating 40 years of pioneering wireless solutions, Proxim is recognized for unparalleled reliability, superior performance, and drive for innovation.

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