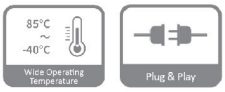
TSFP-1310-20-SMF

10 Gigabit Optical Module



- Single mode double fiber
- LC port
- 1310nm sending, and 1310nm receiving
- Transmission distance up to 20 km



Series Overview

Industrial Optical Module Series is a hot-pluggable device with a unique sturdy design. Developed to adapt to even the harshest of environments, it has a wide operating temperature range and is Plug and Play (PnP).

Functions

Wide Operating Temperature

Developed to operate in extreme conditions, the device functions in temperatures ranging from –40 °C to +85 °C, easily adapting to harsh environments.

Plug and Play

No configuration is required. Suitable for terminal connection.

Scene

This Series is widely used in various broadband data transmission scenarios, such as in intelligent traffic, telecom, security, finance, custom, shipping, electricity, water conservancy and oil fields. It is also suitable for work with switches and other devices.

Optical Module | TSFP-1310-20-SMF

Technical Specification

Hardware

Optical Fiber Type	Single mode double fiber
Optical Port Type	LC
Speed	10 Gbps

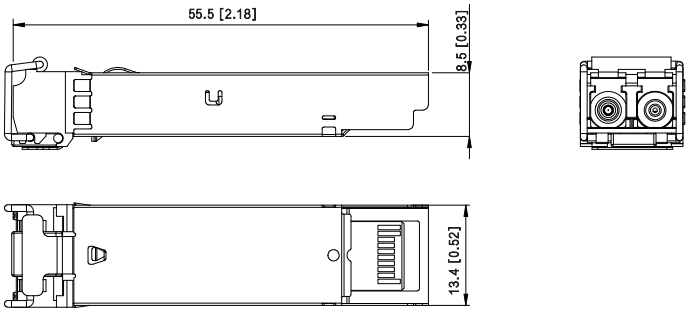
Performance

Wavelength	1310 nm sending; 1310 nm receiving
Transmission Distance	20 km
Relative Humidity	5%–95%
Operating Temperature	–40 °C to +85 °C (–40 °F to 185 °F)
Storage Temperature	–40–85 °C
Max. Speed of Optical Port	10 Gbps
Product Dimensions	55.5 mm × 13.4 mm × 8.5 mm (2.19" × 0.53" × 0.33")

Ordering Information

Type	Model	Description
Accessories	TSFP-1310-20-SMF	Speed 10Gbps Single mode double fiber; 1310 nm sending, and 1310 nm receiving; Transmission distance up to 20 km
	GSFP-1310R-20-SMF	Speed 1Gbps Single mode single fiber; 1550 nm sending, and 1310 nm receiving; Transmission distance up to 20 km
	GSFP-1310T-20-SMF	Speed 1Gbps Single mode single fiber; 1310 nm sending, and 1550 nm receiving; Transmission distance up to 20 km
	SFP-1310T-20-SMF	Speed 100Mbps Single mode single fiber; 1310 nm sending, and 1550 nm receiving; Transmission distance up to 20 km
	SFP-1310R-20-SMF	Speed 100Mbps Single mode single fiber; 1550 nm sending, and 1310 nm receiving; Transmission distance up to 20 km
	TSFP-850-MMF	Speed 10Gbps Multiple mode double fiber; 850 nm sending, and 850 nm receiving; Transmission distance up to 300 m
	GSFP-850-MMF	Speed 1Gbps Multiple mode double fiber; 850 nm sending, and 850 nm receiving; Transmission distance up to 550 m
	SFP-850-MMF	Speed 100Mbps Multiple mode double fiber; 850 nm sending, and 850 nm receiving; Transmission distance up to 2 km
	TSFP-1270T-20-SMF	Speed 10Gbps Single mode single fiber; 1270 nm sending, and 1330 nm receiving; Transmission distance up to 20 km
	TSFP-1270R-20-SMF	Speed 10Gbps Single mode single fiber; 1330 nm sending, and 1270 nm receiving; Transmission distance up to 20 km

Dimensions (mm[inch])



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