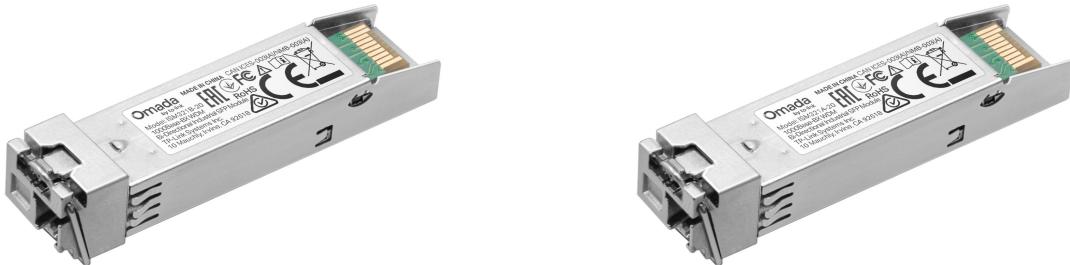


## Industrial SFP Module

### Datasheet

### ISM321A-20 & ISM321B-20

1000Base-BX WDM Bi-Directional Industrial SFP Module



## Highlights

- Supports WDM Bi-Directional technology, using a single strand of fiber, cost saving
- Single mode SFP LC Transceiver
- Hot-Pluggable with maximum flexibility
- Supports Digital Diagnostic Monitoring (DDM)
- Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)
- Industrial Product Operating Temperature Range: -40-85°C

## Overview

ISM321A-20 and ISM321B-20 are industrial WDM SFP Modules introduced for extending transfer distance. Attached to our industrial switches, they can extend the distance to 20km with one single fiber. Users can choose whether and which items to use the fiber modules according to the demand in order to lower cost.

# Specifications

Hardware Features & Performance		
Model	ISM321A-20	ISM321B-20
General	Standards	IEEE 802.3z, TCP/IP
	Wave Length	Tx: 1550 nm Rx: 1310 nm
	Dimensions	56.4 × 13.4 × 10.97 mm (2.22 × 0.53 × 0.43 in)
	Cable	Single-mode Fiber
	Fiber Type	9/125 µm Single-mode
	Max. Cable Length	20 km
	Data Rate	1.25 Gbps
	Port Type	LC Simplex
	Connector Type	LC/UPC
	Power Supply	3.3 V
	Certifications	FCC, CE
	Max. Laser Output Power	0.794 mW (-1 dBm)
	Laser Class	Class 1
	Hardware Features	DDM SFP-MSA Hot Swappable
Physical & Environment	Operating Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating Humidity	5%-85% RH Non-condensing
	Storage Humidity	5%-85% RH Non-condensing

Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information: <https://www.omadanetworks.com>. Specifications are subject to change without notice.

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