

SFP transceiver modules

SFP transceiver modules

For Tiesse products of the series

Imola, Imola LX, Imola E, Lipari, Elba

with fibre connectivity

SFP Transceiver 1000Base-BX – Single Fiber

IM-SFP-BX10-T131R149	– Max Data Rate: 1000 Mbps – Wavelength: 1310nm-TX / 1490nm-RX – Max Cable Distance: 10 km – TX Power: -9 ~ -3 dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IM-SFP-BX10-T149R131	– Max Data Rate: 1000 Mbps – Wavelength: 1490nm-TX / 1310nm-RX – Max Cable Distance: 10 km – TX Power: -9 ~ -3 dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IM-SFP-BX40-T131R149	– Max Data Rate: 1000 Mbps – Wavelength: 1310nm-TX / 1550nm-RX – Max Cable Distance: 40 km – TX Power: -5 ~ 2 dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IMT-SFP-BX40-T131R149	– Max Data Rate: 1000 Mbps – Wavelength: 1310nm-TX / 1550nm-RX – Max Cable Distance: 40 km – TX Power: -5 ~ 2 dBm	– Industrial Temperature Range: -40° C - +85° C (-40° F fino 185° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IM-SFP-BX40-T155R131	– Max Data Rate: 1000 Mbps – Wavelength: 1550nm-TX / 1310nm-RX – Max Cable Distance: 40 km – TX Power: -5 ~ 0 dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IM-SFP-BX40-T131R155	– Max Data Rate: 1000 Mbps – Wavelength: 1310nm-TX / 1550nm-RX – Max Cable Distance: 40 km – TX Power: -3 ~ 2dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IM-SFP-BX80-T157R149	– Max Data Rate: 1000 Mbps – Wavelength: 1570nm-TX / 1490nm-RX – Max Cable Distance: 80 km – TX Power: -2 ~ 3 dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -24 dBm – Connector: LC simplex
IM-SFP-BX80-T149R157	– Max Data Rate: 1000 Mbps – Wavelength: 1490nm-TX / 1570nm-RX – Max Cable Distance: 80 km – TX Power: -2 ~ 3 dBm	– Commercial Temperature Range: 0° C - 70° C (32° F - 158° F) – Receiver Sensitivity: < -24dBm – Connector: LC simplex



Other SFP transceivers modules

IMT-SFP-1000Base LX

- **Max Data Rate:** 1000 Mbps
- **Wavelength:** 1310nm
- **Max Cable Distance:** 10 km
- **TX Power:** -9.5 ~ -3 dBm
- **Industrial temperature range:** -40° C / +85° C (-40° F / +185° F)
- **Receiver Sensitivity:** < -23 dBm
- **Connector:** LC duplex

IMT-SFP-1000Base SX

- **Max Data Rate:** 1000 Mbps
- **Wavelength:** 850nm
- **Max Cable Distance:** 550m over OM2 MMF
- **TX Power:** -9.5 ~ -3 dBm
- **Industrial temperature range:** -40° C / +85° C (-40° F / +185° F)
- **Receiver Sensitivity:** < -17 dBm
- **Connector:** LC duplex

IM-SFP-1000Base ZX

- **Max Data Rate:** 1000 Mbps
- **Wavelength:** 1550nm
- **Max Cable Distance:** 80 km
- **TX Power:** 0 ~ 5 dBm
- **Commercial Temperature Range:** 0° C / +70° C (+32° F / +158° F)
- **Receiver Sensitivity:** < -24 dBm
- **Connector:** LC duplex

IM-SFP-EX40

- **Max Data Rate:** 1000 Mbps
- **Wavelength:** 1310nm
- **Max Cable Distance:** 40 km
- **TX Power:** -5 ~ 0 dBm
- **Commercial Temperature Range:** 0° C / +70° C (+32° F / +158° F)
- **Receiver Sensitivity:** < -24 dBm
- **Connector:** LC duplex

IMT-SFP-100 FX

- **Max Data Rate:** 125 Mbps
- **Wavelength:** 1310nm
- **Max Cable Distance:** 2 km
- **TX Power:** -5 ~ 0 dBm
- **Industrial temperature range:** -40° C / +85° C (-40° F / +185° F)
- **Receiver Sensitivity:** < -24 dBm
- **Connector:** LC duplex

IM-SFP-1000Base TX

- **Max Data Rate:** 1000 Mbps
- **Max Cable Distance:** 100 m
- **Media:** Cat 6/Cat 6a
- **Commercial Temperature Range:** 0° C / +70° C (+32° F / +158° F)
- **Connector:** RJ45

IMT-SFP-1000Base TX

- **Max Data Rate:** 1.25 Gbps
- **Max Cable Distance:** 100 m
- **Media:** Cat 5 UTP
- **Industrial temperature range:** -40° C / +85° C (-40° F / +185° F)
- **Connector:** RJ45

2.5 Gbps transceiver module

IM-SFP-2.5Gbase-T

- **Max Data Rate:** 2.5 Gbps
- **Max Cable Distance:** 100 m
- **Media:** Cat5e or better
- **Commercial Temperature Range:** 0° C / +70° C (32° F / 158° F)
- **Connector:** RJ45

10 Gbps transceiver module

IMT-SFP-10G10-LR

- **Max Data Rate:** 10.3125 Gbps
- **Wavelength:** 1310nm
- **Max Cable Distance:** 40 km
- **TX Power:** -8.2 ~ 0.5 dBm
- **Industrial Temperature Range:** -40° C / +85° C (-40° F / 185° F)
- **Receiver Sensitivity:** < -14.4 dBm
- **Connector:** LC duplex



Summary table of router models and SFP transceiver modules

All SFP modules are also available in industrial version, which have an extended temperature range.

	Product models	Base BX modules	Other modules	2.5Gbps	10Gbps
Imola IKF series	— LX x272-IKF — x872-IKF-IKW — x872-IKF-IK2W — x872-IKF-IKW-PoE — x872-44-IKW-IKF — x872-IK2V-IK2F	— IM-SFP-BX10-T149R131 — IM-SFP-BX10-T131R149 — IMT-SFP-BX40-T131R149	— IMT-SFP-1000Base LX — IMT-SFP-1000Base SX — IM-SFP-1000Base ZX — IM-SFP-EX40 — IM-SFP-1000Base TX		
Imola SGR (Smart Grid series)	— x272-SGR — x272-SGR-IK2W — x272-SGR-IKR	— IM-SFP-BX40-T155R131 — IM-SFP-BX40-T149R131 — IM-SFP-BX40-T131R155 — IM-SFP-BX80-T157R149 — IM-SFP-BX80-T149R157			
Imola series	— x286			IM-SFP-2.5Gbase-T	— IMT-SFP-10G10-LR
Lipari	— 5584-W				
Imola E	— CPU S2 board — Switch S2 board	— IM-SFP-BX10-T149R131 — IM-SFP-BX10-T131R149 — IMT-SFP-BX40-T131R149 — IM-SFP-BX40-T155R131 — IM-SFP-BX40-T149R131 — IM-SFP-BX40-T131R155 — IM-SFP-BX80-T157R149 — IM-SFP-BX80-T149R157	— IMT-SFP-1000Base LX — IMT-SFP-1000Base SX — IM-SFP-1000Base ZX — IM-SFP-EX40 — IMT-SFP-100 FX — IM-SFP-1000Base TX — IMT-SFP-1000Base TX		
Elba series	— Elba 100	— IM-SFP-BX10-T149R131 — IM-SFP-BX10-T131R149 — IMT-SFP-BX40-T131R149 — IM-SFP-BX40-T155R131 — IM-SFP-BX40-T149R131 — IM-SFP-BX40-T131R155 — IM-SFP-BX80-T157R149 — IM-SFP-BX80-T149R157	— IMT-SFP-1000Base LX — IMT-SFP-1000Base SX — IM-SFP-1000Base ZX — IM-SFP-EX40 — IMT-SFP-100 FX — IM-SFP-1000Base TX — IMT-SFP-1000Base TX		— IMT-SFP-10G10-LR

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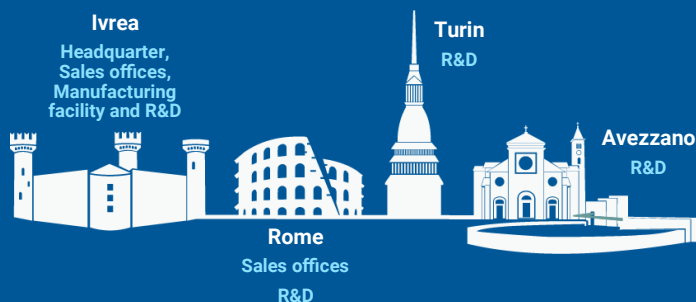
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Ver. ENG 240325

