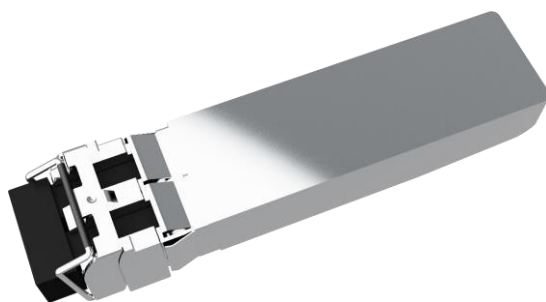




SFP transceiver module



SFP transceiver modules - 1000Base-BX – Single Fiber

Model	Details	
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 up to 185° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IMT-SFP-BX40-T155R131	– Max Data Rate: 1000 Mbps – Wavelength: 1550nm-TX / 1310nm-RX – Max Cable Distance: 40 km – TX Power: -5 ~ 0 dBm	– Industrial Temperature Range: -40° C - +85° C (-40° F up to 185° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IMT-SFP-BX40-T131R155	– Max Data Rate: 1000 Mbps – Wavelength: 1310nm-TX / 1550nm-RX – Max Cable Distance: 40 km – TX Power: -3 ~ 2dBm	– Industrial Temperature Range: -40° C - +85° C (-40° F up to 185° F) – Receiver Sensitivity: < -23 dBm – Connector: LC simplex
IMT-SFP-BX80-T157R149	– Max Data Rate: 1000 Mbps – Wavelength: 1570nm-TX / 1490nm-RX – Max Cable Distance: 80 km – TX Power: -2 ~ 3dBm	– Industrial Temperature Range: -40° C - +85° C (-40° F up to 185° 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 ~ 3dBm	– Industrial Temperature Range: -40° C - +85° C (-40° F up to 185° F) – Receiver Sensitivity: < -24 dBm – Connector: LC simplex



SFP transceiver modules – up to 1 Gbps

Model	Details
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 up to 185° F) - Receiver Sensitivity: < -24 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 up to 185° F) - Receiver Sensitivity: < -17 dBm - Connector: LC duplex
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 up to 185° F) - Receiver Sensitivity: < -23 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-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-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 up to 185° F) - Connector: RJ45

SFP transceiver modules – Up to 2.5 Gbps

Model	Details
IM-SFP-2.5Gbase-T	- Max Data Rate: 2.5 Gbps - Max Cable Distance: 100 m - Media: Cat 5e - Temperature Range: 0° C - 70° C (32° F up to 158° F) - Connector: LC duplex

SFP transceiver modules – up to 10 Gbps

Model	Details
IMT-SFP-10GBase-T-80	- Max Data Rate: 1.25G/10G, multi-rate - Interface: RJ45 - Transmission: 80 meters transmission over CAT.6a/CAT.7 - Industrial Temperature Range: -40° C / +85° C (-40° F / 185° F)



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 model	Base BX models	FX, SX, LX, EX40, ZX, TX models	Up to 2.5 Gbps	Up to 10 Gbps
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-T131R149 — IM-SFP-BX10-T149R131 — IM-SFP-BX40-T131R149 — IMT-SFP-BX40-T131R149 — IM-SFP-BX40-T155R131 — 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 — IM-SFP-1000Base TX		
Imola SGR (Smart Grid series)	— x272-SGR — x272-SGR-IK2W — x272-SGR-IKR — 5572-SGR				
Imola series	— x286				
Imola LX series	— LX 0296 — LX 0296-20			— IM-SFP-2.5Gbase-T	— IMT-SFP-10GBase-T-80
Lipari series	— Lipari 5584-W				
Imola E series	— Scheda CPU S2 — Scheda Switch S2	— IM-SFP-BX10-T131R149 — IM-SFP-BX10-T149R131 — IM-SFP-BX40-T131R149 — IMT-SFP-BX40-T131R149 — IM-SFP-BX40-T155R131 — IM-SFP-BX40-T131R155 — IM-SFP-BX80-T157R149 — IM-SFP-BX80-T149R157	— IMT-SFP-1000Base LX — IMT-SFP-1000Base SX — IMT-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-T131R149 — IM-SFP-BX10-T149R131 — IM-SFP-BX40-T131R149 — IMT-SFP-BX40-T131R149 — IM-SFP-BX40-T155R131 — IM-SFP-BX40-T131R155 — IM-SFP-BX80-T157R149 — IM-SFP-BX80-T149R157	— IMT-SFP-1000Base LX — IMT-SFP-1000Base SX — IMT-SFP-1000Base ZX — IM-SFP-EX40 — IMT-SFP-100 FX — IM-SFP-1000Base TX — IMT-SFP-1000Base TX		— IMT-SFP-10GBase-T-80





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Further information on Tiesse solutions can be found on the company website www.tiesse.com.



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Ver. ENG 131025

