

# Router series Add-ons SFP transceiver modules

# SFP transceiver modules

Per prodotti Tiesse delle serie  
Imola IKF/SGR, Imola E and Elba

## SFP Transceiver 1000Base-BX – Single Fiber

<b>IM-SFP-BX10-T131R149</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1310nm-TX / 1490nm-RX</li> <li>– <b>Max Cable Distance:</b> 10 km</li> <li>– <b>TX Power:</b> -9 ~ -3 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -23 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IM-SFP-BX10-T149R131</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1490nm-TX / 1310nm-RX</li> <li>– <b>Max Cable Distance:</b> 10 km</li> <li>– <b>TX Power:</b> -9 ~ -3 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -23 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IM-SFP-BX40-T131R149</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1310nm-TX / 1550nm-RX</li> <li>– <b>Max Cable Distance:</b> 40 km</li> <li>– <b>TX Power:</b> -5 ~ 2 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -23 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IMT-SFP-BX40-T131R149</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1310nm-TX / 1550nm-RX</li> <li>– <b>Max Cable Distance:</b> 40 km</li> <li>– <b>TX Power:</b> -5 ~ 2 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Industrial Temperature Range:</b> -40° C - +85° C (-40° F fino 185° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -23 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IM-SFP-BX40-T155R131</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1550nm-TX / 1310nm-RX</li> <li>– <b>Max Cable Distance:</b> 40 km</li> <li>– <b>TX Power:</b> -5 ~ 0 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -23 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IM-SFP-BX40-T131R155</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1310nm-TX / 1550nm-RX</li> <li>– <b>Max Cable Distance:</b> 40 km</li> <li>– <b>TX Power:</b> -3 ~ 2dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -23 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IM-SFP-BX80-T157R149</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1570nm-TX / 1490nm-RX</li> <li>– <b>Max Cable Distance:</b> 80 km</li> <li>– <b>TX Power:</b> -2 ~ 3 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -24 dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>
<b>IM-SFP-BX80-T149R157</b>	<ul style="list-style-type: none"> <li>– <b>Max Data Rate:</b> 1000 Mbps</li> <li>– <b>Wavelength:</b> 1490nm-TX / 1570nm-RX</li> <li>– <b>Max Cable Distance:</b> 80 km</li> <li>– <b>TX Power:</b> -2 ~ 3 dBm</li> </ul>	<ul style="list-style-type: none"> <li>– <b>Commercial Temperature Range:</b> 0° C - 70° C (32° F - 158° F)</li> <li>– <b>Receiver Sensitivity:</b> &lt; -24dBm</li> <li>– <b>Connettore:</b> LC simplex</li> </ul>



## Altri SFP Transceiver

### 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 fino 185° F)
- **Receiver Sensitivity:** < -23 dBm
- **Connettore:** 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 fino 185° F)
- **Receiver Sensitivity:** < -17 dBm
- **Connettore:** 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
- **Connettore:** LC duplex

### 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 fino 185° F)
- **Receiver Sensitivity:** < -14.4 dBm
- **Connettore:** 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
- **Connettore:** 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 fino 185° F)
- **Receiver Sensitivity:** < -24 dBm
- **Connettore:** 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)
- **Connettore:** 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 fino 185° F)
- **Connettore:** RJ45



## Tabella riassuntiva modelli router e moduli SFP transceiver

Tutti i moduli SFP sono disponibili anche nella versione industriale, con range di temperatura esteso.

	Modelli	SFP Transceiver Base BX	Altri SFP Transceiver	SFP Transceiver 10G
<b>Serie Imola IKF</b>	<ul style="list-style-type: none"> <li>- x872-IKF-IKW</li> <li>- x872-IKF-IK2W</li> <li>- x872-IKF-IKW-PoE</li> <li>- x872-44-IKW-IKF</li> <li>- x872-IK2V-IK2F-IK2W</li> </ul>	<ul style="list-style-type: none"> <li>- IM-SFP-BX10-T149R131</li> <li>- IM-SFP-BX10-T131R149</li> <li>- IMT-SFP-BX40-T131R149</li> <li>- IM-SFP-BX40-T155R131</li> <li>- IM-SFP-BX40-T149R131</li> <li>- IM-SFP-BX40-T131R155</li> <li>- IM-SFP-BX80-T157R149</li> <li>- IM-SFP-BX80-T149R157</li> </ul>	<ul style="list-style-type: none"> <li>- IMT-SFP-1000Base LX</li> <li>- IMT-SFP-1000Base SX</li> <li>- IM-SFP-1000Base ZX</li> <li>- IM-SFP-EX40</li> <li>- IM-SFP-1000Base TX</li> </ul>	-
<b>Serie Imola SGR (Smart Grid)</b>	<ul style="list-style-type: none"> <li>- x272-SGR</li> <li>- x272-SGR-IK2W</li> <li>- x272-SGR-IKR</li> </ul>	<ul style="list-style-type: none"> <li>- IM-SFP-BX10-T149R131</li> <li>- IM-SFP-BX10-T131R149</li> <li>- IMT-SFP-BX40-T131R149</li> <li>- IM-SFP-BX40-T155R131</li> <li>- IM-SFP-BX40-T149R131</li> <li>- IM-SFP-BX40-T131R155</li> <li>- IM-SFP-BX80-T157R149</li> <li>- IM-SFP-BX80-T149R157</li> </ul>	<ul style="list-style-type: none"> <li>- IMT-SFP-1000Base LX</li> <li>- IMT-SFP-1000Base SX</li> <li>- IM-SFP-1000Base ZX</li> <li>- IM-SFP-EX40</li> <li>- IMT-SFP-100 FX</li> <li>- IM-SFP-1000Base TX</li> <li>- IMT-SFP-1000Base TX</li> </ul>	-
<b>Serie Imola E</b>	<ul style="list-style-type: none"> <li>- Scheda CPU S2</li> <li>- Scheda Switch S2</li> </ul>	<ul style="list-style-type: none"> <li>- IM-SFP-BX10-T149R131</li> <li>- IM-SFP-BX10-T131R149</li> <li>- IMT-SFP-BX40-T131R149</li> <li>- IM-SFP-BX40-T155R131</li> <li>- IM-SFP-BX40-T149R131</li> <li>- IM-SFP-BX40-T131R155</li> <li>- IM-SFP-BX80-T157R149</li> <li>- IM-SFP-BX80-T149R157</li> </ul>	<ul style="list-style-type: none"> <li>- IMT-SFP-1000Base LX</li> <li>- IMT-SFP-1000Base SX</li> <li>- IM-SFP-1000Base ZX</li> <li>- IM-SFP-EX40</li> <li>- IMT-SFP-100 FX</li> <li>- IM-SFP-1000Base TX</li> <li>- IMT-SFP-1000Base TX</li> </ul>	-
<b>Serie Elba</b>	<ul style="list-style-type: none"> <li>- Elba 260</li> </ul>	<ul style="list-style-type: none"> <li>- IM-SFP-BX10-T149R131</li> <li>- IM-SFP-BX10-T131R149</li> <li>- IMT-SFP-BX40-T131R149</li> <li>- IM-SFP-BX40-T155R131</li> <li>- IM-SFP-BX40-T149R131</li> <li>- IM-SFP-BX40-T131R155</li> <li>- IM-SFP-BX80-T157R149</li> <li>- IM-SFP-BX80-T149R157</li> </ul>	<ul style="list-style-type: none"> <li>- IMT-SFP-1000Base LX</li> <li>- IMT-SFP-1000Base SX</li> <li>- IM-SFP-1000Base ZX</li> <li>- IM-SFP-EX40</li> <li>- IMT-SFP-100 FX</li> <li>- IM-SFP-1000Base TX</li> <li>- IMT-SFP-1000Base TX</li> </ul>	- IMT-SFP-10G10-LR

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