

# SFP Transceiver

IPAET970-975

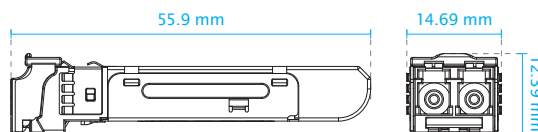


## Technical Specifications

Model Name	SFP-SX-X5	SFP-SX-02
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	850 nm	1300/1310 nm
Laser type	VCSEL	Fabry-Perot
Tx	-3 ~ -10 dBm	-5 ~ -15 dBm
Rx	-3 ~ -20 dBm	-3 ~ -20 dBm
Voltage	3.3V	3.3V
Transmission Range	50/125µm, 62.5/125µm, up to 0.5km	50/125µm, 62.5/125µm, up to 2km
Fiber Type (MMF / SMF)	MMF	MMF
Connector	LC	LC
Dimensions	55.9mm (L) x 14.69mm (W) x 12.39mm (H)	55.9mm (L) x 14.69mm (W) x 12.39mm (H)
Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)	0°C ~ 70°C (32°F ~ 158°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
MSA Compliant	Yes	Yes
Certifications	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11

Model Name	SFP-LX-10	SFP-LX-40
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	1310 nm	1310 nm
Laser type	Fabry-Perot	Fabry-Perot
Tx	-3 ~ -9 dBm	-3 ~ 3 dBm
Rx	-3 ~ -21 dBm	-3 ~ -24 dBm
Voltage	3.3V	3.3V
Transmission Range	9/125µm, up to 10km	9/125µm, up to 40km
Fiber Type (MMF / SMF)	SMF	SMF
Connector	LC	LC
Dimensions	55.9mm (L) x 14.69mm (W) x 12.39mm (H)	55.9mm (L) x 14.69mm (W) x 12.39mm (H)
Operating Temperature	0°C ~ 70°C (32°F ~ 158°F)	0°C ~ 70°C (32°F ~ 158°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
MSA Compliant	Yes	Yes
Certifications	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11



# Industrial SFP Transceiver



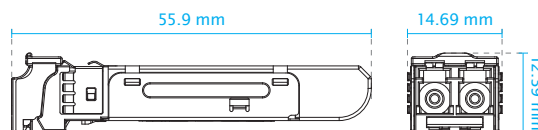
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## Technical Specifications

Model Name	SFP-ISX-X5	SFP-ISX-02
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	850 nm	1300/1310 nm
Laser type	VCSEL	Fabry-Perot
Tx	-3 ~ -10 dBm	-5 ~ -15 dBm
Rx	-3 ~ -20 dBm	-3 ~ -20 dBm
Voltage	3.3V	3.3V
Transmission Range	50/125µm, 62.5/125µm, up to 0.5km	50/125µm, 62.5/125µm, up to 2km
Fiber Type (MMF / SMF)	MMF	MMF
Connector	LC	LC
Dimensions	55.9mm (L) x 14.69mm (W) x 12.39mm (H)	55.9mm (L) x 14.69mm (W) x 12.39mm (H)
Operating Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
MSA Compliant	Yes	Yes
Certifications	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11

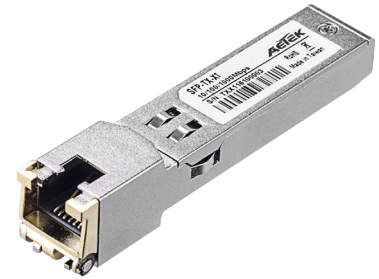
  

Model Name	SFP-ILX-10	SFP-ILX-40
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	1310 nm	1310 nm
Laser type	Fabry-Perot	Fabry-Perot
Tx	-3 ~ -9 dBm	-3 ~ 3 dBm
Rx	-3 ~ -21 dBm	-3 ~ -24 dBm
Voltage	3.3V	3.3V
Transmission Range	9/125µm, up to 10km	9/125µm, up to 40km
Fiber Type (MMF / SMF)	SMF	SMF
Connector	LC	LC
Dimensions	55.9mm (L) x 14.69mm (W) x 12.39mm (H)	55.9mm (L) x 14.69mm (W) x 12.39mm (H)
Operating Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
MSA Compliant	Yes	Yes
Certifications	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11	IEC 825, EN60825-1, FDA 21 CFR 1040.10 and 1040.11



# Gigabit SFP to RJ45 Transceiver

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## Technical Specifications

Model Name	SFP-TX-X1	SFP-ITX-X1
Data Rate Gigabit	1.25G	1.25G
Type	SFP	SFP
Standard	IEEE 802.3ab 1000BASE-T	IEEE 802.3ab 1000BASE-T
Auto-Negotiation	Support	Support
Auto-MDI/MDI-X	Support	Support
Voltage (V)	3.3V	3.3V
Transmission Range	100m	100m
Cable Type	Cat.5e/Cat.6	Cat.5e/Cat.6
Connector	RJ45	RJ45
Dimensions (L x W x H)	68.3mm x 13.7mm x 13.8mm	68.3mm x 13.7mm x 13.8mm
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C
Storage Temperature	-40°C ~ 85°C	-40°C ~ 85°C
Humidity	5 ~ 90% (non-condensing)	5 ~ 90% (non-condensing)
MSA Compliant	Yes	Yes

