

# Industrial SFP Transceiver



## Technical Specifications

Model	SFP-ISX-X5	SFP-ISX-02
Data Rate Gigabit Construction	1.25G	1.25G
Center Wave Length	850 nm	1300/1310 nm
Laser type	VCSEL	FP-LD
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	SFP-ILX-10	SFP-ILX-40
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	1310 nm	1310 nm
Laser type	FP-LD	DFB-LD
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

