

Industrial 1G SFP BiDi Transceiver



Technical Specifications

Model	SFP-IALX-20	SFP-IBLX-20
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	TX:1310nm / RX:1550nm	TX:1550nm / RX:1310nm
Laser type	Fabry-Perot	MQW DFB
Tx (dBm)	-2~-8 dBm	-2~-8 dBm
Rx (dBm)	-3 ~ -23 dBm	-3 ~ -23 dBm
Voltage (V)	3.3V	3.3V
Transmission Range	9/125μm, up to 20km	9/125μm, up to 20km
Fiber type (MMF / SMF)	SMF	SMF
Connector	Simplex LC	Simplex LC
Dimensions: (L x W x H)	56.64,9mm x 14.8mm x 13.27mm	56.64,9mm x 14.8mm x 13.27mm
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-IALX-40	SFP-IBLX-40
Data Rate Gigabit	1.25G	1.25G
Center Wave Length	TX:1310nm / RX:1550nm	TX:1550nm / RX:1310nm
Laser type	Fabry-Perot	MQW DFB
Tx (dBm)	+3~-5 dBm	+3~-5 dBm
Rx (dBm)	-3 ~ -23 dBm	-3 ~ -23 dBm
Voltage (V)	3.3V	3.3V
Transmission Range	9/125μm, up to 40km	9/125μm, up to 40km
Fiber type (MMF / SMF)	SMF	SMF
Connector	Simplex LC	Simplex LC
Dimensions: (L x W x H)	56.64,9mm x 14.8mm x 13.27mm	56.64,9mm x 14.8mm x 13.27mm
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

