

10G SFP+ BiDi Transceiver



Technical Specifications

Model	SFPP-ALR-20	SFPP-BLR-20
Data Rate Gigabit	10G	10G
Center Wave Length	TX:1270nm / RX:1330nm	TX:1330nm / RX:1270nm
Laser type	DFB	DFB
Tx (dBm)	-4~-2dBm	-4~-2dBm
Rx (dBm)	≤-14dBm	≤-14dBm
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)	68x13.7x8.5mm	68x13.7x8.5mm
Operating Temperature	0°C to 70°C(32°F ~ 158°F)	0°C to 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	CE, FCC, LVD, ROHS	CE, FCC, LVD, ROHS

Model	SFPP-ALR-40	SFPP-BLR-40
Data Rate Gigabit	10G	10G
Center Wave Length	TX:1270nm / RX:1330nm	TX:1330nm / RX:1270nm
Laser type	DFB	DFB
Tx (dBm)	-1~-4dBm	-1~-4dBm
Rx (dBm)	≤-12dBm	≤-12dBm
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)	68x13.7x8.5mm	68x13.7x8.5mm
Operating Temperature	0°C to 70°C(32°F ~ 158°F)	0°C to 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	CE, FCC, LVD, ROHS	CE, FCC, LVD, ROHS

