

10G SFP+ BIDI Transceiver

Network Distributors provides the highest quality, best in class compatible optical transceivers that are 100% real-world tested in equivalent OEM equipment. Servicing Telecom, Datacenter, and Enterprise markets, our 10G bi-directional (bidi) product enables you to double network capacity without running new fiber. By utilizing a single strand of fiber for full-duplex circuits, our bidi solutions help you reduce test, turn up, and fiber lease costs.



Technical Specifications

Data Rates and Distances

10G/11.3 Ethernet

Reach from 10km to 80km

Standards

RoHS compliant, applicable IEEE standard.

All MSA (multi-source agreement) compliant.

Connector(s)

Simplex LC

Additional Highlights

Available in both standard temperature (0 to 70°C) and industrial temperature (-40 to 85C).

Warranty

All transceivers feature a limited lifetime warranty.

Compatibility

Notable OEM platforms supported include:

Alcatel/Nokia, Arista, Brocade, Calix, Ciena, Cisco, Ericsson, Juniper, MSA standard and many others.

Please contact us at sales@networkdistributors.com if you do not see your OEM here.

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receiver Sensitivity (dBm)	Power Supply	Power Dissipation
10G SFP+ BIDI								
SFP+-BX-U10	1270/1330	SMF	10km	11.3G	-8.2/0.5	-14.4	3.3V	1.2W
SFP+-BX-D10	1330/1270	SMF	10km	11.3G	-8.2/0.5	-14.4	3.3V	1.2W
SFP+-BX-U20	1270/1330	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W
SFP+-BX-D20	1330/1270	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W
SFP+-BX-U20-IND	1270/1330	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receive Sensitivity (dBm)	Power Supply	Power Dissipation
SFP+-BX-D20-IND	1330/1270	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W
SFP+-BX-U40	1270/1330	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
SFP+-BX-D40	1330/1270	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
SFP+-BX-U40-IND	1270/1330	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
SFP+-BX-D40-IND	1330/1270	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
SFP+-BX-U60	1270/1330	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
SFP+-BX-D60	1330/1270	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
SFP+-BX-U60-IND	1270/1330	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
SFP+-BX-D60-IND	1330/1270	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
SFP+-BX-U80	1490/1550	SMF	80km	11.3G	0/4	-23	3.3V	1.5W
SFP+-BX-D80	1550/1490	SMF	80km	11.3G	-1/3	-23	3.3V	1.5W
SFP+-BX-U80-IND	1490/1550	SMF	80km	11.3G	0/4	-23	3.3V	1.8W
SFP+-BX-D80-IND	1550/1490	SMF	80km	11.3G	-1/3	-23	3.3V	1.8W