

# 10G SFP+ BIDI Transceiver

Plugin Optics 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 [cx@pluginoptics.com](mailto:cx@pluginoptics.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
<b>10G SFP+ BIDI</b>								
SFP+-BX-U10-PLO	1270/1330	SMF	10km	11.3G	-8.2/0.5	-14.4	3.3V	1.2W
SFP+-BX-D10-PLO	1330/1270	SMF	10km	11.3G	-8.2/0.5	-14.4	3.3V	1.2W
SFP+-BX-U20-PLO	1270/1330	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W
SFP+-BX-D20-PLO	1330/1270	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W
SFP+-BX-U20-IND-PLO	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
<b>SFP+-BX-D20-IND-PLO</b>	1330/1270	SMF	20km	11.3G	-4/0.5	-14.4	3.3V	1.2W
<b>SFP+-BX-U40-PLO</b>	1270/1330	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
<b>SFP+-BX-D40-PLO</b>	1330/1270	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
<b>SFP+-BX-U40-IND-PLO</b>	1270/1330	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
<b>SFP+-BX-D40-IND-PLO</b>	1330/1270	SMF	40km	11.3G	0.5/6	-14.5	3.3V	1.2W
<b>SFP+-BX-U60-PLO</b>	1270/1330	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
<b>SFP+-BX-D60-PLO</b>	1330/1270	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
<b>SFP+-BX-U60-IND-PLO</b>	1270/1330	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
<b>SFP+-BX-D60-IND-PLO</b>	1330/1270	SMF	60km	11.3G	1/5	-20	3.3V	1.2W
<b>SFP+-BX-U80-PLO</b>	1490/1550	SMF	80km	11.3G	0/4	-23	3.3V	1.5W
<b>SFP+-BX-D80-PLO</b>	1550/1490	SMF	80km	11.3G	-1/3	-23	3.3V	1.5W
<b>SFP+-BX-U80-IND-PLO</b>	1490/1550	SMF	80km	11.3G	0/4	-23	3.3V	1.8W
<b>SFP+-BX-D80-IND-PLO</b>	1550/1490	SMF	80km	11.3G	-1/3	-23	3.3V	1.8W