

10G SFP+ Transceivers

AFL SFP+ (Small Form-factor Pluggable) transceivers meet the ever increasing demand for bandwidth. These upgraded versions of SFP's are suitable for 10G transmission in Ethernet or Fibre Channel. AFL SFP's include Digital Diagnostics Monitoring (DDM) which allows monitoring of parameters such as power, temperature and voltage.

Features

- Data rates up to 10 Gbps
- Up to 330 m OM3 / OM4 & 100km SM transmission distance
- Operating case temperature 0°C to 70°C for commercial grade, -40°C to 85°C for industrial grade
- Digital Diagnostic Monitoring

Applications

- Switch and router connectivity
- Media Conversion
- 10 Gigabit Ethernet
- LAN and SAN connectivity
- Fibre Channel
- SONET/SDH Network

Specifications

	OUTPUT POWER (DBM)		RECEIVE SENSITIVITY (DBM)	LINK BUDGET (DBM)	RECEIVE OVERLOAD (DBM)
	Min	Max			
SFP+-85-10GE-0.33-C-D	-6	-1	-11.1	-5.1	-1
SFP+-31-10GE-10-C-D	-8.2	0.5	-14.4	-6.2	0.5
SFP+-31-10GE-40-C-D	-4.7	4	-15.8	-11.1	-1
SFP+-31-10GE-70-C-D	-2	5	-20	-22	-8
SFP+-55-10GE-80-C-D	0	5	-23	-23	-8

Ordering Information

PART NUMBER	DESCRIPTION
SFP+-85-10GE-0.33-C-D	SFP+ 10GBase-SR, 850 nm, 1 GE 330 m, -0°C - +70°C, DDM
SFP+-31-10GE-10-C-D	SFP+ 10GBase-LR, 1310 nm, 1 GE 10 km, -0°C - +70°C, DDM
SFP+-31-10GE-40-C-D	SFP+ 10GBase-ER, 1310 nm, 1 GE 40 km, -0°C - +70°C, DDM
SFP+-31-10GE-70-C-D	SFP+ 10GBase-ER, 1310 nm, 1 GE 70 km, -0°C - +70°C, DDM
SFP+-55-10GE-80-C-D	SFP+ 10GBase-ZR, 1550 nm, 1 GE 70 km, -0°C - +70°C, DDM

Contact AFL for vendor specific coded transceivers.
Industrial Temperature Rated (-40°C to +85°C) available.

Bidirectional SFP+ Transceivers

Bidirectional SFP+ transceivers operate in uplink and downlink pairs. Uplink transceivers transmit at 1270 nm and receive at 1330 nm while its paired downlink transmits at 1270 nm and receives at 1270 nm. Bidirectional SFP's have a single SC interface and communicate bidirectionally over a single fibre.

Features

- Data rates up to 10.3 Gbps
- Available up to 60 km transmission distance
- Operating case temperature: 0 to +70°C or industrial temperature rated version: -40°C to +85°C
- Digital Diagnostic Monitoring

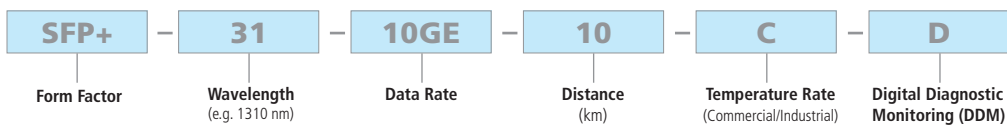
Applications

- Switch and router connectivity
- Media Conversion
- 10 Gigabit Ethernet
- LAN and SAN connectivity
- Fibre Channel
- SONET/SDH Network

Specifications

PART NUMBER	OUTPUT POWER (DBM)		RECEIVER SENSITIVITY (DBM)	LINK BUDGET (DBM)	RECEIVER OVERLOAD (DBM)
	Min	Max			
SFP+B-2733-10GE-10-C-D / SFP+B-3327-10GE-10-C-D	-5	0	-14	9	0.5
SFP+B-2733-10GE-40-C-D / SFP+B-3327-10GE-40-C-D	1	5	-15	16	0.5

Ordering Information



PART NUMBER	DESCRIPTION
SFP+B-2733-10GE-10-C-D	SFP+ 10GBase-BXU, BIDI 1270/1330 nm, 10 GE 10 km, 0-70°C, DDM, SC
SFP+B-3327-10GE-10-C-D	SFP+ 10GBase-BXD, BIDI 1330/1270 nm, 10 GE 10 km, 0-70°C, DDM, SC
SFP+B-2733-10GE-40-C-D	SFP+ 10GBase-BXU, BIDI 1270/1330 nm, 10 GE 40 km, 0-70°C, DDM, SC
SFP+B-3327-10GE-40-C-D	SFP+ 10GBase-BXD, BIDI 1330/1270 nm, 10 GE 40 km, 0-70°C, DDM, SC

Contact AFL for vendor specific coded transceivers. SC connector supplied as standard, LC connector optional. Industrial Temperature Rated (-40°C to +85°C) available.