

Modules SFP/XSF/GBIC/XENPAK

SFP Modules

	Catalogue No.	Type	Speed [b/s]	Wavelength [nm]	Source	Distance	Temperature [°C]	Connector	Other
MM:	SF-8512-02	SFP	1.25 G	850	VCSEL	550 m	0-70	LC	ROHS
SM 20 km:	SF-1312-20	SFP	1.25 G	1310	FP	20 km	0-70	LC	ROHS
SM 40 km:	SF-1312-40	SFP	1.25 G	1310	DFB	40 km	0-70	LC	ROHS
SM 80 km:	SF-1512-80	SFP	1.25 G	1550	DFB	80 km	0-70	LC	ROHS
SM 120 km:	SF-1512-C0	SFP	1.25 G	1550	DFB+APD	120 km	0-70	LC	ROHS
WDM SM 10 km:	SF-BS5312-10	SFP BI-DI	1.25 G	1550/1310	DFB	10 km	0-70	SC	ROHS
	SF-BS3512-10	SFP BI-DI	1.25 G	1310/1550	FP	10 km	0-70	SC	ROHS
	SF-BL5312-10	SFP BI-DI	1.25 G	1550/1310	DFB	10 km	0-70	LC	ROHS
	SF-BL3512-10	SFP BI-DI	1.25 G	1310/1550	FP	10 km	0-70	LC	ROHS
WDM SM 20 km:	SF-BS4312-20	SFP BI-DI	1.25 G	1490/1310	DFB	20 km	0-70	SC	ROHS
	SF-BS3412-20	SFP BI-DI	1.25 G	1310/1490	FP	20 km	0-70	SC	ROHS
	SF-BS5312-20	SFP BI-DI	1.25 G	1550/1310	DFB	20 km	0-70	SC	ROHS
	SF-BS3512-20	SFP BI-DI	1.25 G	1310/1550	FP	20 km	0-70	SC	ROHS
	SF-BL4312-20	SFP BI-DI	1.25 G	1490/1310	DFB	20 km	0-70	LC	ROHS
	SF-BL3412-20	SFP BI-DI	1.25 G	1310/1490	FP	20 km	0-70	LC	ROHS
	SF-BL5312-20	SFP BI-DI	1.25 G	1550/1310	DFB	20 km	0-70	LC	ROHS
	SF-BL3512-20	SFP BI-DI	1.25 G	1310/1550	FP	20 km	0-70	LC	ROHS
WDM SM 40 km:	SF-BS4312-40	SFP BI-DI	1.25 G	1490/1310	DFB	40 km	0-70	SC	ROHS
	SF-BS3412-40	SFP BI-DI	1.25 G	1310/1490	DFB	40 km	0-70	SC	ROHS
	SF-BS5312-40	SFP BI-DI	1.25 G	1550/1310	DFB	40 km	0-70	SC	ROHS
	SF-BS3512-40	SFP BI-DI	1.25 G	1310/1550	DFB	40 km	0-70	SC	ROHS
WDM SM 80 km:	SF-BS5412-80	SFP BI-DI	1.25 G	1550/1490	DFB	80 km	0-70	SC	ROHS
	SF-BS4512-80	SFP BI-DI	1.25 G	1490/1550	DFB	80 km	0-70	SC	ROHS
	SF-BL5412-80	SFP BI-DI	1.25 G	1550/1490	DFB	80 km	0-70	LC	ROHS
	SF-BL4512-80	SFP BI-DI	1.25 G	1490/1550	DFB	80 km	0-70	LC	ROHS
WDM SM 120 km:	SF-BL5412-C0	SFP BI-DI	1.25 G	1550/1490	DFB	120 km	0-70	LC	ROHS
	SF-BL4512-C0	SFP BI-DI	1.25 G	1490/1550	DFB	120 km	0-70	LC	ROHS
CWDM 20 km:	SW-29-20	SFP CWDM	1.25 G	1290	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-31-20	SFP CWDM	1.25 G	1310	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-33-20	SFP CWDM	1.25 G	1330	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-35-20	SFP CWDM	1.25 G	1350	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-37-20	SFP CWDM	1.25 G	1370	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-39-20	SFP CWDM	1.25 G	1390	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-41-20	SFP CWDM	1.25 G	1410	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-43-20	SFP CWDM	1.25 G	1430	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-45-20	SFP CWDM	1.25 G	1450	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-47-20	SFP CWDM	1.25 G	1470	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-49-20	SFP CWDM	1.25 G	1490	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-51-20	SFP CWDM	1.25 G	1510	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-53-20	SFP CWDM	1.25 G	1530	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-55-20	SFP CWDM	1.25 G	1550	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-57-20	SFP CWDM	1.25 G	1570	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-59-20	SFP CWDM	1.25 G	1590	DFB	20 km	0-70	LC	ROHS, CWDM
	SW-61-20	SFP CWDM	1.25 G	1610	DFB	20 km	0-70	LC	ROHS, CWDM
CWDM 40 km:	SW-29-40	SFP CWDM	1.25 G	1290	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-31-40	SFP CWDM	1.25 G	1310	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-33-40	SFP CWDM	1.25 G	1330	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-35-40	SFP CWDM	1.25 G	1350	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-37-40	SFP CWDM	1.25 G	1370	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-39-40	SFP CWDM	1.25 G	1390	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-41-40	SFP CWDM	1.25 G	1410	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-43-40	SFP CWDM	1.25 G	1430	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-45-40	SFP CWDM	1.25 G	1450	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-47-40	SFP CWDM	1.25 G	1470	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-49-40	SFP CWDM	1.25 G	1490	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-51-40	SFP CWDM	1.25 G	1510	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-53-40	SFP CWDM	1.25 G	1530	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-55-40	SFP CWDM	1.25 G	1550	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-57-40	SFP CWDM	1.25 G	1570	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-59-40	SFP CWDM	1.25 G	1590	DFB	40 km	0-70	LC	ROHS, CWDM
	SW-61-40	SFP CWDM	1.25 G	1610	DFB	40 km	0-70	LC	ROHS, CWDM
CWDM 80 km:	SW-27-80	SFP CWDM	1.25 G	1270	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-29-80	SFP CWDM	1.25 G	1290	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-31-80	SFP CWDM	1.25 G	1310	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-33-80	SFP CWDM	1.25 G	1330	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-35-80	SFP CWDM	1.25 G	1350	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-37-80	SFP CWDM	1.25 G	1370	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-39-80	SFP CWDM	1.25 G	1390	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-41-80	SFP CWDM	1.25 G	1410	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-43-80	SFP CWDM	1.25 G	1430	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-45-80	SFP CWDM	1.25 G	1450	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-47-80	SFP CWDM	1.25 G	1470	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-49-80	SFP CWDM	1.25 G	1490	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-51-80	SFP CWDM	1.25 G	1510	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-53-80	SFP CWDM	1.25 G	1530	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-55-80	SFP CWDM	1.25 G	1550	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-57-80	SFP CWDM	1.25 G	1570	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-59-80	SFP CWDM	1.25 G	1590	DFB	80 km	0-70	LC	ROHS, CWDM
	SW-61-80	SFP CWDM	1.25 G	1610	DFB	80 km	0-70	LC	ROHS, CWDM

Modules SFP/XSF/GBIC/XENPAK

SFP Modules

	Catalogue No.	Type	Speed [b/s]	Wavelength [nm]	Source	Distance	Temperature [°C]	Connector	Other
DWDM 80 km:	SD-xx-80	SFP CWDM	1.25 G	1520.25-1577.03	DFB	80 km	0-70	LC	ROHS, DWDM
DWDM 120 km:	SD-xx-120	SFP CWDM	1.25 G	1520.25-1577.03	DFB+APD	120 km	0-70	LC	ROHS, DWDM
DWDM 160 km:	SD-xx-160	SFP CWDM	1.25 G	1520.25-1577.03	DFB+APD	160 km	0-70	LC	ROHS, DWDM
DWDM 180 km:	SD-xx-180	SFP CWDM	1.25 G	1520.25-1577.03	DFB+APD	180 km	0-70	LC	ROHS, DWDM
SFP RJ-45:	SFP-1000	SFP RJ-45	1.25 G				0-70	RJ-45	ROHS
	SFP-10/100/1000	SFP RJ-45	1.25 G				0-70	RJ-45	ROHS

xx - provide the number of channel in which the DWDM module is to work

* All modules are also available in the version with implemented diagnostic module DDM and in a version compatible with the HP devices.

XSF Modules

	Catalogue No.	Type	Speed [b/s]	Wavelength [nm]	Source	Distance	Temperature [°C]	Connector	Other
	XF-1596-80D	XFP	10.3 G	1550	DFB	80 km	0-70	LC	ROHS
	XF-1596-40D	XFP	10.3 G	1550	DFB	40 km	0-70	LC	ROHS
	XF-1396-10D	XFP	10.3 G	1310	DFB	10 km	0-70	LC	ROHS
	XF-8596-02D	XFP	10.3 G	850	VCSEL	300 m	0-70	LC	ROHS
DWDM 80 km:	XD-xx-80	XFP DWDM	10.3 G	1520.25-1577.03	DFB	80 km	0-70	LC	ROHS, DWDM
DWDM 120 km:	XD-xx-120	XFP DWDM	10.3 G	1520.25-1577.03	DFB+APD	120 km	0-70	LC	ROHS, DWDM
DWDM 160 km:	XD-xx-160	XFP DWDM	10.3 G	1520.25-1577.03	DFB+APD	160 km	0-70	LC	ROHS, DWDM
DWDM 180 km:	XD-xx-180	XFP DWDM	10.3 G	1520.25-1577.03	DFB+APD	180 km	0-70	LC	ROHS, DWDM

xx - provide the number of channel in which the DWDM module is to work

* All modules are also available in the version with implemented diagnostic module DDM and in a version compatible with the HP devices.

GBIC Modules

	Catalogue No.	Type	Speed [b/s]	Wavelength [nm]	Source	Distance	Temperature [°C]	Connector	Other
MM:	GB-8512-02	GBIC	1.25 G	850	VCSEL	550m	0-70	SC	ROHS
SM 20 km:	GB-1312-20	GBIC	1.25 G	1310	FP	20 km	0-70	SC	ROHS
SM 40 km:	GB-1312-40	GBIC	1.25 G	1310	DFB	40 km	0-70	SC	ROHS
SM 80 km:	GB-1512-80	GBIC	1.25 G	1550	DFB	80 km	0-70	SC	ROHS
SM 120 km:	GB-1512-C0	GBIC	1.25 G	1550	DFB+APD	120 km	0-70	SC	ROHS
WDM SM 20 km:	GB-BS4312-20	GBIC BI-DI	1.25 G	1490/1310	DFB	20 km	0-70	SC	ROHS
	GB-BS3412-20	GBIC BI-DI	1.25 G	1310/1490	DFB	20 km	0-70	SC	ROHS
	GB-BS5312-20	GBIC BI-DI	1.25 G	1550/1310	DFB	20 km	0-70	SC	ROHS
	GB-BS3512-20	GBIC BI-DI	1.25 G	1310/1550	FP	20 km	0-70	SC	ROHS
WDM SM 40 km:	GB-BS4312-40	GBIC BI-DI	1.25 G	1490/1310	DFB	40 km	0-70	SC	ROHS
	GB-BS3412-40	GBIC BI-DI	1.25 G	1310/1490	DFB	40 km	0-70	SC	ROHS
	GB-BS5312-40	GBIC BI-DI	1.25 G	1550/1310	DFB	40 km	0-70	SC	ROHS
	GB-BS3512-40	GBIC BI-DI	1.25 G	1310/1550	DFB	40 km	0-70	SC	ROHS
WDM SM 80 km:	GB-BS5412-80	GBIC BI-DI	1.25 G	1550/1490	DFB	80 km	0-70	SC	ROHS
	GB-BS4512-80	GBIC BI-DI	1.25 G	1490/1550	DFB	80 km	0-70	SC	ROHS
CWDM 40 km:	GW-27-40	GBIC CWDM	1.25 G	1270	DFB	40 km	0-70	SC	ROHS
	GW-29-40	GBIC CWDM	1.25 G	1290	DFB	40 km	0-70	SC	ROHS
	GW-31-40	GBIC CWDM	1.25 G	1310	DFB	40 km	0-70	SC	ROHS
	GW-33-40	GBIC CWDM	1.25 G	1330	DFB	40 km	0-70	SC	ROHS
	GW-35-40	GBIC CWDM	1.25 G	1350	DFB	40 km	0-70	SC	ROHS
	GW-37-40	GBIC CWDM	1.25 G	1370	DFB	40 km	0-70	SC	ROHS
	GW-39-40	GBIC CWDM	1.25 G	1390	DFB	40 km	0-70	SC	ROHS
	GW-41-40	GBIC CWDM	1.25 G	1410	DFB	40 km	0-70	SC	ROHS
	GW-43-40	GBIC CWDM	1.25 G	1430	DFB	40 km	0-70	SC	ROHS
	GW-45-40	GBIC CWDM	1.25 G	1450	DFB	40 km	0-70	SC	ROHS
	GW-47-40	GBIC CWDM	1.25 G	1470	DFB	40 km	0-70	SC	ROHS
	GW-49-40	GBIC CWDM	1.25 G	1490	DFB	40 km	0-70	SC	ROHS
	GW-51-40	GBIC CWDM	1.25 G	1510	DFB	40 km	0-70	SC	ROHS
	GW-53-40	GBIC CWDM	1.25 G	1530	DFB	40 km	0-70	SC	ROHS
	GW-55-40	GBIC CWDM	1.25 G	1550	DFB	40 km	0-70	SC	ROHS
	GW-57-40	GBIC CWDM	1.25 G	1570	DFB	40 km	0-70	SC	ROHS
	GW-59-40	GBIC CWDM	1.25 G	1590	DFB	40 km	0-70	SC	ROHS
	GW-61-40	GBIC CWDM	1.25 G	1610	DFB	40 km	0-70	SC	ROHS
CWDM 80 km:	GW-27-80	GBIC CWDM	1.25 G	1270	DFB	80 km	0-70	SC	ROHS
	GW-29-80	GBIC CWDM	1.25 G	1290	DFB	80 km	0-70	SC	ROHS
	GW-31-80	GBIC CWDM	1.25 G	1310	DFB	80 km	0-70	SC	ROHS
	GW-33-80	GBIC CWDM	1.25 G	1330	DFB	80 km	0-70	SC	ROHS
	GW-35-80	GBIC CWDM	1.25 G	1350	DFB	80 km	0-70	SC	ROHS
	GW-37-80	GBIC CWDM	1.25 G	1370	DFB	80 km	0-70	SC	ROHS
	GW-39-80	GBIC CWDM	1.25 G	1390	DFB	80 km	0-70	SC	ROHS
	GW-41-80	GBIC CWDM	1.25 G	1410	DFB	80 km	0-70	SC	ROHS
	GW-43-80	GBIC CWDM	1.25 G	1430	DFB	80 km	0-70	SC	ROHS
	GW-45-80	GBIC CWDM	1.25 G	1450	DFB	80 km	0-70	SC	ROHS
	GW-47-80	GBIC CWDM	1.25 G	1470	DFB	80 km	0-70	SC	ROHS
	GW-49-80	GBIC CWDM	1.25 G	1490	DFB	80 km	0-70	SC	ROHS
	GW-51-80	GBIC CWDM	1.25 G	1510	DFB	80 km	0-70	SC	ROHS
	GW-53-80	GBIC CWDM	1.25 G	1530	DFB	80 km	0-70	SC	ROHS
	GW-55-80	GBIC CWDM	1.25 G	1550	DFB	80 km	0-70	SC	ROHS
	GW-57-80	GBIC CWDM	1.25 G	1570	DFB	80 km	0-70	SC	ROHS
	GW-59-80	GBIC CWDM	1.25 G	1590	DFB	80 km	0-70	SC	ROHS
	GW-61-80	GBIC CWDM	1.25 G	1610	DFB	80 km	0-70	SC	ROHS

Modules SFP/XSF/GBIC/XENPAK

GBIC Modules

	Catalogue No.	Type	Speed [b/s]	Wavelength [nm]	Source	Distance	Temperature [°C]	Connector	Other
CWDM 120 km:	GW-27-C0	GBIC CWDM	1.25 G	1270	DFB+APD	120 km	0-70	SC	ROHS
	GW-29-C0	GBIC CWDM	1.25 G	1290	DFB+APD	120 km	0-70	SC	ROHS
	GW-31-C0	GBIC CWDM	1.25 G	1310	DFB+APD	120 km	0-70	SC	ROHS
	GW-33-C0	GBIC CWDM	1.25 G	1330	DFB+APD	120 km	0-70	SC	ROHS
	GW-35-C0	GBIC CWDM	1.25 G	1350	DFB+APD	120 km	0-70	SC	ROHS
	GW-37-C0	GBIC CWDM	1.25 G	1370	DFB+APD	120 km	0-70	SC	ROHS
	GW-39-C0	GBIC CWDM	1.25 G	1390	DFB+APD	120 km	0-70	SC	ROHS
	GW-41-C0	GBIC CWDM	1.25 G	1410	DFB+APD	120 km	0-70	SC	ROHS
	GW-43-C0	GBIC CWDM	1.25 G	1430	DFB+APD	120 km	0-70	SC	ROHS
	GW-45-C0	GBIC CWDM	1.25 G	1450	DFB+APD	120 km	0-70	SC	ROHS
	GW-47-C0	GBIC CWDM	1.25 G	1470	DFB+APD	120 km	0-70	SC	ROHS
	GW-49-C0	GBIC CWDM	1.25 G	1490	DFB+APD	120 km	0-70	SC	ROHS
	GW-51-C0	GBIC CWDM	1.25 G	1510	DFB+APD	120 km	0-70	SC	ROHS
	GW-53-C0	GBIC CWDM	1.25 G	1530	DFB+APD	120 km	0-70	SC	ROHS
	GW-55-C0	GBIC CWDM	1.25 G	1550	DFB+APD	120 km	0-70	SC	ROHS
	GW-57-C0	GBIC CWDM	1.25 G	1570	DFB+APD	120 km	0-70	SC	ROHS
	GW-59-C0	GBIC CWDM	1.25 G	1590	DFB+APD	120 km	0-70	SC	ROHS
	GW-61-C0	GBIC CWDM	1.25 G	1610	DFB+APD	120 km	0-70	SC	ROHS
GBIC RJ-45	GB-1000	GBIC RJ-45					0-70	RJ-45	ROHS
	GB-10/100/1000	GBIC RJ-45					0-70	RJ-45	ROHS

* All modules are also available in the version with implemented diagnostic module DDM and in a version compatible with the HP devices.

XENPAK Modules

	Catalogue No.	Type	Speed [b/s]	Wavelength [nm]	Source	Distance	Temperature [°C]	Connector	Other
	XK-1596-80D	XENPAK	10.3 G	1550	DFB	80 km	0-70	SC	ROHS
	XK-1596-40D	XFP	10.3 G	1550	DFB	40 km	0-70	SC	ROHS
	XK-1396-10D	XFP	10.3 G	1310	DFB	10 km	0-70	SC	ROHS
	XK-8596-02D	XFP	10.3 G	850	VCSEL	300 m	0-70	SC	ROHS

* All modules are also available in the version with implemented diagnostic module DDM and in a version compatible with the HP devices.