

# SFP Product Family Datasheet

Allied Data Technologies is supplying a range of pluggable optics, SFP's and XFP's to complement its Optical Ethernet portfolio. These modular "pluggable" transceiver technology is vastly increasing the flexibility of Ethernet routers and switches with improved product reliability and longevity. SFP and XFP transceivers may be used interchangeably in standards-compliant devices, and therefore can be used in all other "OPEN" SFP/XFP ready Ethernet Routers and Switches. Interchangeable transceivers allow a single device to operate with a wide selection of media and protocols. Upgrading the media used on a port requires only seconds with a hot-swap SFP or XFP, once the new media is in place.



Lots	Partnr	Media Type	Bitrate	Wavelength (nm)	Optical Budget (dB) Min EOF	DDMI	Tx Output Power (dBm)	Rx Sensitivity (dB)	Nominal Operating range (km)
CWDM		Single Mode Fibre	100	1470 - 1610	17	Yes	0 to -5	-30	60
	SFP-100CWDM30-xx-DD	Single Mode Fibre	100	1470 - 1610	26	Yes	0 to -5	-35	80
	SFP-1000CWDM18-xx-DD	Single Mode Fibre	1000	1470 - 1610	17	Yes	0 to -5	-24	50
	SFP-1000CWDM24-xx-DD	Single Mode Fibre	1000 ***	1470 - 1610	26	Yes	5 to 0	-24	80
	SFP-1000CWDM32-xx-DD	Single Mode Fibre	1000 ***	1470 - 1610	32	Yes	5 to 0	-32	120
Electrical	SFP-SGMII	UTP	10/100/1000	n/a	n/a	NA	NA	NA	100 m
Local	SFP-FX-DD	Multi Mode Fibre	100	850	5	Yes	4 to -10	-27	550 m
	SFP-SX-DD	Multi Mode Fibre	1000	850	5	Yes	-4 to -9	-17	550 m
Non CWDM	SFP-100LX-DD	Single Mode Fibre	100*	1310	8	Yes	-8 to -15	-31	20
	SFP-LX-DD	Single Mode Fibre	1000*	1310	8	Yes	-3 to -10	-20	20
SFW	SFP-100BX20-U-DD	Single Mode Fibre	100**	1310 Tx / 1550 Rx	10	Yes	-8 to -14	-33	20
	SFP-100BX20-D-DD	Single Mode Fibre	100**	1550 Tx / 1310 Rx	10	Yes	-8 to -14	-33	20
	SFP-1000BX10-U4-DD	Single Mode Fibre	1000	1310 Tx / 1490 Rx	10	Yes	-3 to -9	-20	20
	SFP-1000BX10-D4-DD	Single Mode Fibre	1000	1490 Tx / 1310 Rx	10	Yes	-3 to -9	-20	20

Please consult our Sales Department for commercial information and specific enquiries for SFP's with different specifications on wavelengths, power budgets and distances.