



## Fiber Optic Transceivers

### Fast Ethernet Series

Model	Part number	Data Rate (Mbps)	Wavelength (nm)	Light Source	Media	Tx Power (dBm)	Rx Sens. (dBm)	Link Budget	Saturation	Distance	Operating Temp.	Safety
AXFD-1314-0523	522AXFD1314001G	125 to 155	1310	FP	Multi-Mode	-20	Max -32	12 dBm	-14 dBm	2 km	-40°C to +85 °C	UL/TUV
AXFD1314-0553	522AXFD1314011G	155	1310	FP	Single-Mode	-15 to -8 @ 9/125 μm	Max -32	19 dBm	0 dBm	30 km	-40°C to +85 °C	UL/TUV

Gigabit Ethernet Series												
Model	Part number	Data Rate	Wavelength (nm)	Light Source	Media	Tx Power	Rx Sens.	Link Budget	Saturation	Distance	Operating Temp.	Safety
AXGD-5854-0513	522AXGD5854001G	1.25 Gbps	850	VCSEL	Multi-Mode	-9.5 dBm	Max -17 dBm	7.5 dBm	-4 dBm	550 m	-40°C to +85°C	UL/TUV
AXGD-1354-0523	522AXGD1354001G	1.25 Gbps	1310	FP	Multi-Mode	-9.0 dBm	Max -19 dBm	10 dBm	-1 dBm	2 km	-40°C to +85°C	UL/TUV
AXGD-1354-0533	522AXGD1354011G	1.25 Gbps	1310	FP	Single-Mode	-9.5 dBm	Max -20 dBm	10.5 dBm	-3 dBm	10 km	-40°C to +85°C	UL/TUV
AXGD-3354-0593	522AXGD3354001G	1.25 Gbps	1310	DFB	Single-Mode	-2.0 dBm	Max -23 dBm	21 dBm	+3 dBm	40 km	-40°C to +85°C	UL/TUV

10 Gigabit Ethernet Series											
Model	Part number	Data Rate	Wavelength (nm)	Media	Tx Power	Rx Sens.	Link budget	Distance	Operating Temp.	Safety	
AXXE-5886-05B3	522AXXE5886001G	10 Gbps	850	Multi-Mode	-7.3 dBm	Max -11.1 dBm	3.8 dBm	300 m	-40°C to +85°C	UL/TUV	
AXXE-3386-0533	522AXXE3386001G	10 Gbps	1310	Single-Mode	-8.2 dBm	Max -12.6 dBm	4.4 dBm	10 km	-40°C to +85°C	UL/TUV	
AXXE-3386-0583	522AXXE3386011G	10 Gbps	1310	Single-Mode	-5.0 dBm	Max -12.6 dBm	7.6 dBm	20 km	-40°C to +85°C	UL/TUV	

Copper to Fiber Optic Transceivers							
Model	Part number	Data Rate	Auto-Negotiation	Interface	Power Supply	Lan Cable Cat	Operating Temp.
AOPT-SFP-NBTI-RJ45	522AOPTSFP0111G	10 / 5 / 2.5 / 1 Gbps / 100 Mbps	Yes	SERDES	3.3V	100 Mbps to 5 Gbps over Cat5e 10 Gbps over Cat6a/7	-40°C to +85°C
AOPT-SFP-8008I	522SFP8008I001G	10/100 Mbps	Yes	SERDES	3.3V	Over Cat5	-40°C to +85°C
AOPT-SFP-8007I	522AOPTSFP0081G	10/100/1000 Mbps	Yes	SGMII	3.3V	Over Cat5	-40°C to +85°C
AOPT-SFP-8005I	522AOPTSFP0071G	100 Mbps	Yes	SERDES	3.3V	Over Cat5	-40°C to +85°C