



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	1000 Mbps	Yes	SERDES	3.3V	Over Cat5	-40°C to +85°C