



**THE DATASHEET OF
AFBR-79EADZ**





Electrical/Optical/Mechanical Solutions for Network Connectivity



Selection Guide

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Foxconn Interconnect Technology offers a broad range of connectivity products for your specific networking application.

Foxconn Optical Interconnect Technologies (FOIT) is the new optical transceiver business unit within Foxconn Interconnect Technology (FIT), a wholly owned subsidiary of Hon Hai Precision Industry Company, Ltd. and a member of the Foxconn Technology Group.

Previously known as the Avago Technologies Fiber Optic Products Division, the FOIT team has been in continuous design and production of high speed fiber optic transceivers since 1978 and is a leading supplier of Ethernet, Fibre Channel and proprietary interconnect fiber optic transceivers. FOIT is currently engaged in groundbreaking technologies for emerging 400G generation products and beyond.

Today, the combined product offerings of FOIT and FIT result in one of the broadest portfolio of transceivers, cages/connectors, direct attach copper (DAC), and active optical cables (AOC) on the market. This includes high-volume production of 1G, 10G, 25G, 40G and 100G Ethernet transceivers in both short reach multi-mode fiber (MMF) and medium/long reach single mode fiber (SMF) configurations as well as volume products for 4G, 8G, 16G, 32G and 128G Fibre Channel, in both MMF and SMF media. Similar products are sold into cellular phone networks for 3G, 6G, 10G and 25G base station interconnects and into Metro applications using OTN or Ethernet protocols. FIT also has a robust pluggable and fixed mid board mounted product offering for InfiniBand or proprietary interconnect applications on servers, routers, high performance computing and switching equipment. FIT is currently investing in 50G, 200G and 400G Ethernet technologies as well as 64G and 256G Fibre Channel applications.



Ethernet Solutions

Cages and Connectors Solutions

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
XFP 1X1 Cage	3S000000-2AG-4F	XFP	N/A	N/A	N/A	-40°C to 85°C	N/A	Pluggable
SFP+ 1X1 Cage	3S000000-74H-4F	SFP+	N/A	N/A	N/A	-40°C to 85°C	N/A	Pluggable
QSFP+ 1X1 Cage	3S3B00N-11410-4F	QSFP+	N/A	N/A	N/A	-40°C to 85°C	N/A	Pluggable
SFP 28G 1X1 Cage	3S2B00N-11401-4F	SFP28	N/A	N/A	N/A	-40°C to 85°C	N/A	Pluggable
QSFP 28G 1X1 Cage	3S5B00N-11400-4F	QSFP28	N/A	N/A	N/A	-40°C to 85°C	N/A	Pluggable
XFP 1X1 Connector	3S103023-H1M-7F	XFP	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
SFP+ 1X1 Connector	3S1020C3-011-7F	SFP+	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
QSFP+ 1X1 Connector	3S103823-01-7F	QSFP+	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
SFP 28G 1X1 Connector	3S1020G3-011-7F	SFP28	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
QSFP 28G 1X1 Connector	3S1038N3-01-7F	QSFP28	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
SFP+ 2X1 Cage & Connector	3S1020F3-AJ4-4F	SFP+	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
SFP+ 2X8 Cage & Connector	3S1020F3-BT4-4F	SFP+	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
QSFP+ 2X1 Cage & Connector	3S1076C3-AG4-4M	QSFP+	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
QSFP+ 2X3 Cage & Connector	3S1076C3-AS6-4M	QSFP+	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
QSFP 28G 2X1 Cage & Connector	3S1076N3-AK4-4M	QSFP28	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable
QSFP 28G 2X2 Cage & Connector	3S5C037-22400-4F	QSFP28	N/A	N/A	30V	-40°C to 85°C	N/A	Pluggable

Direct Attach Copper Solutions

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
100G QSFP28	CURDP3*_*****-EF	QSFP28 DAC	Copper	1-5m	3.3V	0 to 80°C	QSFP	Pluggable
100G QSFP28 to 4x SFP28	CURCP3*_*****-EF	QSFP28/ SFP28 DAC	Copper	1-5m	3.3V	0 to 80°C	QSFP/ SFP	Pluggable
SFP28	CUFCP3*_*****-EF	SFP28 DAC	Copper	1-5m	3.3V	0 to 80°C	SFP	Pluggable
40G QSFP+	CURDP1*_*****-EF	QSFP+ DAC	Copper	1-7m	3.3V	0 to 80°C	QSFP+	Pluggable
40G QSFP+ to 4x SFP+	CURCP1*_*****-EF	QSFP+/ SFP+ DAC	Copper	1-5m	3.3V	0 to 80°C	QSFP+/ SFP+	Pluggable
10G SFP+	CUFCP1*_*****-EF	SFP+ DAC	Copper	1-7m	3.3V	0 to 80°C	SFP+	Pluggable
40G QSFP+	CURDA1*_*****-EF	QSFP+ ACC	Copper	1-10m	3.3V	0 to 80°C	QSFP+	Pluggable
40G QSFP+ to 4x SFP+	CURCA1*_*****-EF	QSFP+/ SFP+ ACC	Copper	1-10m	3.3V	0 to 80°C	QSFP+/ SFP+	Pluggable
10G SFP+	CUFCA1*_*****-EF	SFP+ ACC	Copper	1-10m	3.3V	0 to 80°C	SFP+	Pluggable

Gigabit Ethernet Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Ethernet 1 Gb/s Transceiver 1000Base-T	ABCU-573xxZ	SFP	Copper	100m	3.3V	-5 to 70°C	RJ-45	Pluggable
	ABCU-574xxZ	SFP	Copper	100m	3.3V	-5 to 70°C	RJ-45	Pluggable
	ABCU-573xAxZ	SFP	Copper	100m	3.3V	-40 to 85°C	RJ-45	Pluggable
	ABCU-574xAxZ	SFP	Copper	100m	3.3V	-40 to 85°C	RJ-45	Pluggable
Ethernet 1 Gb/s Transceiver 850nm VCSEL	AFBR-53D5xZ	1x9	Multi-mode	550m	5V	0 to 70°C	SC	1x9
	AFBR-5710xxZ	SFP	Multi-mode	550m	3.3V	Up to -40 to 85°C	LC	Pluggable
	AFBR-5715xxZ	SFP	Multi-mode	550m	3.3V	Up to -40 to 85°C	LC	Pluggable
	HFBR-53A5VxMZ	1x9	Multi-mode	550m	3.3V	0 to 70°C	SC	1x9
	HFBR-5911LZ	SFF	Multi-mode	550m	3.3V	0 to 70°C	LC	2x5
	HFBR-5912EZ	SFF	Multi-mode	550m	3.3V	0 to 70°C	MTRJ	2x5
HFBR-59L1ALZ	SFF	Multi-mode	550m	3.3V	-10 to 85°C	LC	2x5	

Ethernet Solutions

Gigabit Ethernet Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Ethernet/Fibre Channel 1 Gb/s Transceiver 850nm VCSEL	AFBR-5701xxZ	SFP	Multi-mode	550m	3.3V	Various	LC	Pluggable
	AFBR-5705xxZ	SFP	Multi-mode	550m	3.3V	Various	LC	Pluggable
Ethernet/Fibre Channel 2.125 Gb/s Transceiver 850nm VCSEL	AFBR-57M5APZ	SFP	Multi-mode	550m	3.3V	-10 to 85°C	LC	Pluggable
Ethernet 1 Gb/s Transceiver 1310nm FP Laser	AFCT-5710xxZ	SFP	Single-mode	10km	3.3V	Up to -40 to 85°C	LC	Pluggable
	AFCT-5715xxZ	SFP	Single-mode	10km	3.3V	Up to -40 to 85°C	LC	Pluggable
Ethernet/Fibre Channel 1 Gb/s Transceiver 1310nm FP Laser	AFCT-5701xxZ	SFP	Single-mode	10km	3.3V	Various	LC	Pluggable
	AFCT-5705xxZ	SFP	Single-mode	10km	3.3V	Various	LC	Pluggable

10 GbE Transceivers and Active Optical Cables

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
10/1GbE SR Transceiver 850nm VCSEL	AFBR-709DMZ	SFP+	Multi-mode	300m OM3 400m OM4	3.3V	0 to 70°C	LC	Pluggable
10GbE SR Transceiver 850nm VCSEL	AFBR-709xSMZ	SFP+	Multi-mode	300m OM3 400m OM4	3.3V	Up to -40 to 85°C	LC	Pluggable
10/1GbE LR Transceiver 1310nm DFB	AFCT-739DMZ	SFP+	Single-mode	10km	3.3V	0 to 70°C	LC	Pluggable
10GbE LR Transceiver 1310nm DFB	AFCT-739xSMZ	SFP+	Single-mode	10km	3.3V	Up to -40 to 85°C	LC	Pluggable
10GbE SR Transceiver 850nm VCSEL	AFBR-720XPDZ	XFP	Multi-mode	300m OM3 400m OM4	3.3V	0 to 70°C	LC	Pluggable
1-10GbE SFP+ AOC 850nm VCSEL	AFBR-2CARxxZ	SFP+ AOC	Multi-mode	1-20m	3.3V	0 to 70°C	SFP+ AOC	Pluggable

40 GbE QSFP Transceivers and Active Optical Cables

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
40GbE/4x10GbE interoperable, Transceiver 3SR4 module 850nm VCSEL	AFBR-79E3PZ	QSFP+	Multi-mode	300m OM3 400m OM4	3.3V	0 to 70°C	MPO	Pluggable
40GbE BiDi Transceiver module 850/900nm VCSEL	AFBR-79EBPZ	QSFP+	Multi-mode	100m OM3 150m OM4	3.3V	10 to 70°C	LC Duplex	Pluggable
40GbE, SR4 Transceiver module 850nm VCSEL	AFBR-79EADZ	QSFP+	Multi-mode	100m OM3 150m OM4	3.3V	0 to 85°C	MPO	Pluggable
40GbE/4x10GbE compliance, Transceiver eSR4 module 850nm VCSEL	AFBR-79EEPZ	QSFP+	Multi-mode	300m OM3 400m OM4	3.3V	0 to 70°C	MPO	Pluggable
40GbE/4x10GbE, iSR4 Transceiver module 850nm VCSEL	AFBR-79ElxZ	QSFP+	Multi-mode	100m OM3 150m OM4	3.3V	0 to 70°C	MPO	Pluggable
40GbE, SR4 Transceiver module 850nm VCSEL	AFBR-79EQxZ	QSFP+	Multi-mode	100m OM3 150m OM4	3.3V	0 to 70°C	MPO	Pluggable
40GbE/4xQDR AOC 850nm VCSEL	AFBR-7QERxxZ	QSFP+ AOC	Multi-mode	1-20m	3.3V	0 to 70°C	QSFP+	Pluggable
40G QSFP+ to 4x10G SFP+ Octopus AOC 850nm VCSEL	AFBR-7IERxxZ	QSFP+/SFP+ AOC	Multi-mode	1-20m	3.3V	0 to 70°C	QSFP+/SFP+	Pluggable

Ethernet Solutions

25GbE/100 GbE Transceivers and Active Optical Cables

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
100GbE SR10, Transceiver module 850nm VCSEL	AFBR-83EDZ	CXP	Multi-mode	100m OM3 150m OM4	3.3V	0 to 70°C	MPO	Pluggable
100GbE SR10, Transceiver module 850nm VCSEL	AFBR-83ED3Z	CXP	Multi-mode	300m OM3 400m OM4	3.3V	0 to 70°C	MPO	Pluggable
100GbE SR10, 10ch AOC @10 Gb/s per channel 850nm VCSEL	AFBR-83EDxxZ	CXP AOC	Multi-mode	up to 100m	3.3V	0 to 70°C	CXP	Pluggable
100GbE SR10, Transceiver module 850nm VCSEL	AFBR-8422IDZ	CFP2	Multi-mode	100m OM3 150m OM4	3.3V	0 to 70°C	MPO	Pluggable
Proprietary/Ethernet 12ch @10 Gb/s per channel 850nm VCSEL	AFBR-811vxyZ	MiniPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C	PRIZM™	Pluggable Socket
	AFBR-821vxyZ	MiniPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C	PRIZM™	Pluggable Socket
Proprietary/Ethernet 12ch @10 Gb/s per channel 850nm VCSEL	AFBR-77xxxxZ	MicroPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C	PRIZM™	µLGA
	AFBR-78xxxxZ	MicroPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C	PRIZM™	µLGA
100 GbE LR4 Transceiver Module LanWDM EML	AFCT-8450Z	CFP4	Single-mode	10km	3.3V	0 to 70°C	LC	Pluggable
100 GbE SR4 Transceiver Module 850nm VCSEL	AFBR-89CDDZ	QSFP28	Multi-mode	70m OM3 100m OM4	3.3V	0 to 70°C	MPO	Pluggable
100 GbE eSR4 Transceiver Module w/ 850nm VCSEL	AFBR-89CEDZ*	QSFP28	Multi-mode	200m OM3 300m OM4	3.3V	0 to 70°C	MPO	Pluggable
100 GbE PSM4 Transceiver Module w/ 1310nm DFB laser	AFCT-89PDDZ*	QSFP28	Single-mode	500m SMF	3.3V	0 to 70°C	MPO	Pluggable
100 GbE CWDM4 Transceiver Module	AFCT-89WDDZ*	QSFP28	Single-mode	2Km SMF	3.3V	0 to 70°C	LC	Pluggable
100 GbE AOC	AFBR-8QERxxZ*	QSFP28 AOC	Multi-mode	up to 20m	3.3V	0 to 70°C	QSFP28	Pluggable
100 GbE QSFP28 to 4x25 GbE SFP28 Octopus AOC 850nm VCSEL	AFBR-8IERxxZ*	QSFP28/ SFP28 AOC	Multi-mode	up to 20m	3.3V	0 to 70°C	QSFP28	Pluggable
25 GbE SR Transceiver	AFBR-725SMZ*	SFP28	Multi-mode	70m OM3 100m OM4	3.3V	0 to 70°C	LC	Pluggable
25 GbE AOC	AFBR-8CERxxZ*	SFP28 AOC	Multi-mode	up to 20m	3.3V	0 to 70°C	SFP28	Pluggable

* Please contact company's sales for details

RoHS-Compliant Fiber Optic Transceivers

Elimination of hazardous materials from products, and in turn the environment, has become a global initiative. In answer to this demand, FIT offers a broad portfolio of Restriction of Hazardous Substances (RoHS)-compliant fiber optic transceiver solutions. These environmentally friendly transceivers offer the same functionality, performance, quality and reliability that are characteristic of FIT world-leading fiber-optic components. The use of new non-lead based processes and materials in solder finishes and printed circuit board (PCB) assembly make them fully compliant with the requirements of the RoHS directive. Rigorous testing procedures ensure the performance integrity of FIT portfolio of fiber optic transceivers; regardless of the materials and processes employed.

High Performance Computing Solutions

10-Channel and 12-Channel Transceivers and Active Optical Cables

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
InfiniBand/PCIe GEN 3/Proprietary 10ch Transceiver @10 Gb/s per channel 850nm VCSEL	AFBR-83EDZ	CXP	Multi-mode	100m	3.3V/2.5V	0 to 70°C	MPO	Pluggable - Edge mount
InfiniBand/PCIe GEN 3/Proprietary 10ch Transceiver @10 Gb/s per channel 850nm VCSEL	AFBR-83ED3Z	CXP	Multi-mode	300m	3.3V/2.5V	0 to 70°C	MPO	Pluggable - Edge mount
InfiniBand/PCIe/Proprietary 10ch AOC @10 Gb/s per channel 850nm VCSEL	AFBR-83EDxxZ	CXP	Multi-mode	up to 100m	3.3V	0 to 70°C	N/A	Pluggable - Edge mount
Proprietary 12ch Transceiver @12.5 Gb/s per channel 850nm VCSEL	AFBR-83CDZ	CXP	Multi-mode	50m	3.3V	0 to 70°C	MPO	Pluggable - Edge mount
Proprietary 12ch AOC @12.5 Gb/s per channel 850nm VCSEL	AFBR-83CDxxZ	CXP	Multi-mode	up to 100m	3.3V	0 to 70°C	N/A	Pluggable - Edge mount
Proprietary 12ch Transceiver @10 Gb/s per channel 850nm VCSEL	AFBR-83PDZ	CXP	Multi-mode	100m	3.3V	0 to 70°C	MPO	Pluggable - Edge mount
Proprietary 12ch Transceiver @10 Gb/s per channel 850nm VCSEL	AFBR-83PD3Z	CXP	Multi-mode	300m	3.3V	0 to 70°C	MPO	Pluggable - Edge mount
Proprietary 12ch AOC @10 Gb/s per channel 850nm VCSEL	AFBR-83PDxxZ	CXP	Multi-mode	up to 100m	3.3V	0 to 70°C	N/A	Pluggable - Edge mount

High Performance Computing Solutions

12-Channel Receivers and Transmitters

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Proprietary/Ethernet 12ch @10 Gb/s per channel 850nm VCSEL	AFBR-811vxyZ	MiniPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	Pluggable Socket
	AFBR-821vxyZ	MiniPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	Pluggable Socket
Proprietary/Ethernet 12ch @12.5 Gb/s per channel 850nm VCSEL	AFBR-812vxyZ	MiniPOD™	Multi-mode	100m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	Pluggable Socket
	AFBR-822vxyZ	MiniPOD™	Multi-mode	100m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	Pluggable Socket
Proprietary/InfiniBand 12ch @14 Gb/s per channel 850nm VCSEL	AFBR-814vxyZ	MiniPOD™	Multi-mode	50m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	Pluggable Socket
	AFBR-824vxyZ	MiniPOD™	Multi-mode	50m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	Pluggable Socket
Proprietary/Ethernet 12ch @10 Gb/s per channel 850nm VCSEL	AFBR-77xxxZ	MicroPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	μLGA
	AFBR-78xxxZ	MicroPOD™	Multi-mode	300m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	μLGA
Proprietary/Ethernet 12ch @12.5 Gb/s per channel 850nm VCSEL	AFBR-77D2SZ	MicroPOD™	Multi-mode	100m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	μLGA
	AFBR-78D2SZ	MicroPOD™	Multi-mode	100m	3.3V/2.5V	0 to 70°C/85°C	PRIZM™	μLGA
Proprietary/Ethernet 12ch @14 Gb/s per channel 850nm VCSEL	AFBR-77D4SZ	MicroPOD™	Multi-mode	100m	3.3V/2.5V	0 to 70°C	PRIZM™	μLGA
	AFBR-78D4SZ	MicroPOD™	Multi-mode	100m	3.3V/2.5V	0 to 70°C	PRIZM™	μLGA

*85°C for NEBS Specifications

Storage Solutions

1 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 1.06 Gb/s 850nm VCSEL	AFBR-53B3EZ	1x9	Multi-mode	500m	5V	0 to 70°C	SC	1x9
	AFBR-53D3EZ	1x9	Multi-mode	500m	5V	0 to 70°C	SC	1x9
	HFBR-53A3VFMZ	1x9	Multi-mode	500m	3.3V	0 to 70°C	SC	1x9

2 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 2.125/1.06 Gb/s 850nm VCSEL	AFBR-57M5APZ	SFP	Multi-mode	300m at 2.125 GBd	3.3V	-10 to 85°C	LC	Pluggable
Fibre Channel 2.125/1.06 Gb/s 850nm VCSEL	AFBR-5921ALZ	SFF	Multi-mode	300m at 2.125 GBd	3.3V	-10 to 85°C	LC	2x5
	AFBR-59M5LZ	SFF	Multi-mode	300m at 2.125 GBd	3.3V	-10 to 85°C	LC	2x6

4 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 4.25/2.125/1.06 Gb/s 850nm VCSEL	AFBR-57R5AxZ	SFP	Multi-mode	150m at 4.25 GBd	3.3V	-10 to 85°C	LC	Pluggable
	AFBR-57R6AxZ	SFP	Multi-mode	150m at 4.25 GBd	3.3V	-10 to 85°C	LC	Pluggable
	AFBR-59R5xLZ	SFF	Multi-mode	150m at 4.25 GBd	3.3V	Various	LC	2x7

8 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 8.5/4.25/2.125Gb/s 850nm VCSEL	AFBR-57D9AMZ	SFP+	Multi-mode	150m OM3 180m OM4	3.3V	-10 to 85°C	LC	Pluggable
Fibre Channel 8.5/4.25/2.125 Gb/s 1310nm DFB Laser	AFCT-57D3AxMZ	SFP+	Single-mode	10km and 25km	3.3V	-10 to 85°C	LC	Pluggable

10 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Ethernet/FCoE 10 Gb/s 850nm VCSEL	AFBR-709xSMZ	SFP+	Multi-mode	300m OM3 400m OM4	3.3V	Up to -40 to 85°C	LC	Pluggable
Ethernet/FCoE 10 Gb/s 1310nm DFB Laser	AFCT-739xSMZ	SFP+	Single-mode	10km	3.3V	Up to -40 to 85°C	LC	Pluggable

Storage Solutions

16 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 14.025/8.5/4.25 Gb/s 850nm VCSEL	AFBR-57F5xMZ	SFP+	Multi-mode	100m OM3 125m OM4	3.3V	0 to 70°C	LC	Pluggable
Fibre Channel 14.025/8.5/4.25 Gb/s 1310 DFB Laser	AFCT-57F3xxMZ (Avail. Q2'16)	SFP+	Single-mode	10km and 25km	3.3V	0 to 70°C	LC	Pluggable
64GFC/4 x16GFC interoperable, Transceiver iSW4 module 850nm VCSEL	AFBR-79FIPZ	QSFP+	Multi-mode	66m OM3 100m OM4	3.3V	0 to 70°C	MPO	Pluggable

32 Gigabit Storage Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 28.05/14.025/8.5 Gb/s 850nm VCSEL	AFBR-57G5MZ	SFP28	Multi-mode	70m OM3 100m OM4	3.3V	0 to 70°C	LC	Pluggable
Fibre Channel 28.05/14.025/8.5 Gb/s 1310nm DFB Laser	AFCT-57G5MZ*	SFP28	Single-mode	10km	3.3V	0 to 70°C	LC	Pluggable

128 Gigabit Storage Transceiver

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Fibre Channel 128GFC 850nm VCSEL	AFBR-89FDDZ	QSFP28	Multi-mode	70m OM3 100m OM4	3.3V	0 to 70°C	MPO	Pluggable

* Please contact company's sales for details

Base Station Solutions

OBSAI/CPRI Optical Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Base Station 3.072/2.4576 Gb/s 850nm VCSEL	AFBR-57J5APZ	SFP	Multi-mode	500m	3.3V	-40 to 85°C	LC	Pluggable
Base Station 6.14 Gb/s 850nm VCSEL	AFBR-57J9AMZ	SFP	Multi-mode	300m	3.3V	-40 to 85°C	LC	Pluggable
Base Station 9.83/6.14 Gb/s 850nm VCSEL	AFBR-709JAMZ	SFP+	Multi-mode	300m	3.3V	-40 to 85°C	LC	Pluggable
Base Station 9.83/6.14 Gb/s 1310nm DFB Laser	AFCT-739JAMZ	SFP+	Single-mode	10km	3.3V	-40 to 85°C	LC	Pluggable

Metro Network Solutions

OC-3/SONET/SDH Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
SONET/SDH 155 Mb/s 1310nm LED	AFCT-5760xxxZ	SFP	Single-mode	2km,15km and 40km	3.3V	Various	LC	Pluggable
	AFCT-5765xxxZ	SFP	Single-mode	2km,15km and 40km	3.3V	Various	LC	Pluggable
SONET/SDH 155 Mb/s 1310nm FP Laser	AFCT-5805xZ	1x9	Single-mode	15km	3.3/5V	Various	SC	1x9
SONET/SDH 155 Mb/s 1310nm FP Laser	AFCT-5815xZ	1x9	Single-mode	40km	3.3/5V	Various	SC	1x9
SONET/SDH 155 Mb/s 1310nm FP Laser	AFCT-5961xxxZ	SFF	Single-mode	40km	3.3V	Various	LC	2x5
	AFCT-5962xxxZ	SFF	Single-mode	40km	3.3V	Various	LC	2x10
	AFCT-5963xxxZ	SFF	Single-mode	40km	3.3V	Various	LC	2x5
	AFCT-5964xxxZ	SFF	Single-mode	40km	3.3V	Various	LC	2x10

OC-48/SONET/SDH Transceivers

	Part Number	Package	Media Type	Reach	Voltage	Case Temp	Connector	Module Type
Sonet/SDH 2.488	AFCT-5943LZ	SFF	Single-mode	2km	3.3V	0 to 70°C	LC	2x5 SFF
Sonet/SDH 2.488	AFCT-5943ALZ	SFF	Single-mode	2km	3.3V	-40 to 85°C	LC	2x5 SFF
Sonet/SDH 2.488	AFCT-5944LZ	SFF	Single-mode	2km	3.3V	0 to 70°C	LC	2x10 SFF
Sonet/SDH 2.488	AFCT-5944ALZ	SFF	Single-mode	2km	3.3V	-40 to 85°C	LC	2x10 SFF



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