

Part Number	Product Description	Competition	Strengths
Ethernet			
HFBR-57E0APZ	MM SFP OC3/FE 3.3V Transceiver	Source Photonics / Coreteck / Asia suppliers	Market leader, has majority of market
AFCT-7y1XPDZ (y = 2, 1), AFBR-720XPDZ	10GbE XFP LR (y=2), 10Gb OC-192 XFP SR-1 (y=1), and 10GbE XFP SR Transceivers	Finisar / Opnext / JDSU / Source	#1 Ethernet player with no laser failure in the field
AFBR-70xSDZ (x = 3, 7), AFBR-703SNZ	10GbE SFP+ SR (x=3), and LRM (x=7) Transceivers , 10GbE mini-SFP+ SR Transceiver	JDSU / Opnext / Finisar / Excelight / Merge Optics / Source	
AFBR-701SDZ	10GbE SFP+ LR Transceiver	Finisar, JDSU, Opnext	1. Market leader 2. Leading independent supply of III-V technologies
AFBR-5715PZ, APZ	1GbE SFP SX 850nm VCSEL, MM, DMI, Transceiver	JDSU / Finisar	1. Independent source of 1G VCSEL, industrial temperature range 2. Proven quality and performance, leading volume suppliers 3. Qualified at top tier customers around the world
AFCT-5715PZ, APZ	1GbE SFP LX 1310nm FP, MM, DMI, Transceiver	Finisar / Opnext / JDSU / Excelight / Source / WTD / NeoPhotonic	1. MSA compliant 2. High quality laser, volume supplier
ABCU-5700RZ, 5710RZ	1GbE 1000BASE-T SFP, RJ45 Copper Transceiver	Finisar / Methode / Source	1. Market leader, proven design at top tier customers 2. High volume delivery history
Storage			
AFBR-57R5APZ/R6APZ	4Gb, 850nm VCSEL, MM, SFP Transceiver, Rate Select (optional)	Finisar / JDSU	1. Vertical integration of critical subcomponents 2. Low cost manufacturing infrastructure 3. Broad fiber optic portfolio 4. ZERO laser failures on bulk optics platform
AFCT-57R5APZ/ATPZ	4Gb, 1310nm, SM, 4/10km SFP Transceiver	Finisar / JDSU / Hitachi Cable	
AFBR-57F5PZ	16Gb, 850nm VCSEL, SFP+ Pluggable Transceiver	Finisar	
AFBR-57D7APZ , AFBR-54D7APZ	8Gb, 850nm VCSEL, SFP+ Pluggable Transceiver , 8Gb mini-SFP+ Transceiver	Finisar / JDSU	1. Market leader 2. Leading independent supply of III-V technologies (850nm VCSELs and other lasers)
AFCT-57D5ATPZ/ANPZ	8Gb, 1310nm VCSEL, 10/25km, SFP+ Pluggable Transceiver	Finisar / Hitachi Cable / Opnext	
Base Station			
AFBR-57J5APZ	850nm VCSEL 3G BTS, mm, pluggable, SFP	Finisar / JDSU	1. Vertical integration of critical subcomponents 2. Low cost manufacturing infrastructure 3. Broad fiber optic portfolio
AFCT-57J5Axxx	1310nm DFP laser, 8/20/40km 3G BTS, sm, pluggable, SFP	Finisar / NeoPhotonics / JDSU / WTD / HG Genuine	
AFBR-57J7APZ	850nm VCSEL, 6G BTS, mm, pluggable, SFP	Finisar / JDSU	1. Market leader 2. Leading independent supply of III-V technologies (850nm VCSELs and other lasers)
AFCT-57J7ATPZ	1310nm DFP laser, 20km 6G BTS, sm, pluggable, SFP	Finisar / HG Genuine / Oplink / JDSU / WTD / Sumitomo	1. Market leader 2. Leading independent supply of III-V technologies

High Speed Interconnect

Pluggable

AFBR-79EIDZ	40GbE & 4x10GbE QSFP+ Transceiver	Finisar	1. 40GbE Transceiver interoperable with 10GbE optics 2. Proven supply of 10G VCSEL technology 3. Superior electro-optical performance with security of delivery/supply
AFBR-79E4Z, 79E4Z-D	40GbE QSFP Transceiver	Finisar	1. Market leader in 40GbE SR4 products
AFBR-79F4Z-D	14Gb QSFP+ Transceiver		1. Superior electrical, optical performance at 14G 2. Proven high volume manufacturing

Mid-Board Mount

HFBR-79xxWZ, EWZ, HWZ, EHWZ	POP4 2.5G/3.125G, 4-channel pluggable, 850nm VCSEL, mm, SR 600m Transceiver	Emcore / Zarlimk / JDSU	1. Market leader 2. Leading independent supply of III-V technologies
HFBR-7xxBWZ, -7xxxBZ	Snap12, 2.5G,12-channel, 850nm VCSEL, mm, SR 50/400/600m, Tx/Rx	Emcore / Zarlimk / JDSU	1. Market leader 2. Leading independent supply of III-V technologies (850nm VCSELs and other lasers)
AFBR-77xBZ, -78xBZ	12-channel, 5/6.25G 1x12 Transmitter Tx/Rx	Emcore	

Additional fiber optic products are available. See [avagotech.com/fiber](http://avagotech.com/fiber)

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Metro Network

AFCT-5745xxxZ	OC-48 SR/IR 1310nm FP, sm, pluggable transceiver	Finisar / Excelight / Asia suppliers	1. Industrial temperature range (-40 to +85°C) 2. EMI and ESD performance, 3. Excellent mask margin of over 20%
AFCT-5765xxZ	OC-3 SONET 1310nm, sm, pluggable transceiver	Coreteck / Hi Optec / WTD / PHOTONICS / HG GENUINE / ALLRAY / Finisar	1. Quality, tech support 2. Volume supplier

Industrial Network

HFBR-1 521Z, -2521Z	650nm Tx/Rx		1. Industry leading Versatile Link connector 2. One-stop shop by offering plastic fiber and connectors
HFBR-1522Z, -2522Z	650nm Tx/Rx		
HFBR-1528Z, -2528Z	650nm Tx/Rx		
HFBR-1524Z, -2514Z	650nm Tx/Rx		
AFBR-5978Z	650nm Transceiver with SC-RJ ports		1. Supports 10/100Mbps Ethernet 2. Operates over established plastic optical fiber medium and hard-clad silica 3. Cost effective fiber reduces total cost of ownership 4. Diagnostic Monitoring Interface.
AFBR-5972Z	650nm Transceiver		1. Compatible to IEEE 802.3 100BASE-FX PMA using POF PMD 2. Link lengths up to 50m POF (NA0.5) or 70m POF (NA0.3) 3. Compact foot print 4. 3.3V operation 5. Temperature range -40°C to 85°C
HFBR-150xZ/250xZ	650nm Tx/Rx		Reliability
SFH757V, SFH551/1V-1, SFH250V	650nm TX/RX connectorless, SFH family		1. Small size 2. Connectorless solution
HFBR-1414Z, -2412Z	820nm Tx/Rx		1. Reliability 2. Broad connector offering 3. One-stop shop 4. Broad portfolio (650, 820, 850,1310 nm)
HFBR-1312TZ, -2316TZ	1300nm Tx/Rx		1. Reliability 2. One-stop shop 3. Broad portfolio (650, 820, 850,1310 nm)
HFBR-57E5APZ	MM SFP OC3/FE 3.3V transceiver with DMI		1. DMI 2. Low power consumption
HFBR-3810Z	650 nm Fiber Optics Link for DC to 10Mbaud		1. DC coupled receiver with CMOS/TTL output for easy designs: no data encoding or digitizing circuitry required 2. High noise immunity 3. Transient voltage suppression of up to 12kV according IEC 60664-1

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