

AVAGO Fiber Optics

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AVAGO FIBER OPTICS

Avago Technologies is the world's leading provider of fiber optic transmitters, receivers and transceivers for Networking and Storage solutions. Avago Technologies offers unmatched quality with high-volume, low-cost manufacturing techniques.

Fiber Optic Components for Industrial, Automotive and Consumer Applications

Optical Transmitters

Optical transmitters use either a light emitting diode (LED) or the laser diode as the light source. These devices are packaged in plastic housings and support various common connector types.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Connector/Package	Data Rate	Reach		Operating Wavelength	Price Each			
				POF	HCS		1	25	100	500
630-HFBR-1119TZ	HFBR-1119TZ	ST	266 MBd	1500 m	---	1300nm	77.00	63.53	57.75	53.90
630-HFBR-1312TZ	HFBR-1312TZ	ST	155 MBd	5 km	---	1300nm	50.00	41.25	37.50	35.00
630-HFBR-1402Z	HFBR-1402Z	SMA	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1404Z	HFBR-1404Z	SMA	160 MBd	500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1412Z	HFBR-1412Z	ST	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1412TZ	HFBR-1412TZ	ST	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1412TMZ	HFBR-1412TMZ	ST	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1414Z	HFBR-1414Z	ST	160 MBd	500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1414TZ	HFBR-1414TZ	ST	160 MBd	500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-1505AZ	HFBR-1505AZ	SMA, ST	DC-10 MBd	40m	200m	650nm	13.20	10.89	9.90	9.24
630-HFBR-1515BZ	HFBR-1515BZ	SMA, ST	DC-10 MBd	40m	200m	650nm	13.20	10.89	9.90	9.24
630-HFBR-1521Z	HFBR-1521Z	Versatile Link	DC-5 MBd	20m	---	650nm	8.80	7.26	6.60	6.16
630-HFBR-1521ETZ	HFBR-1521ETZ	Versatile Link	DC-5 MBd	20m	---	660 nm	10.12	8.35	7.59	7.08
630-HFBR-1522Z	HFBR-1522Z	Versatile Link	DC-1 MBd	45m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-1522ETZ	HFBR-1522ETZ	Versatile Link	DC-1 MBd	20m	---	660 nm	10.12	8.35	7.59	7.08
630-HFBR-1523Z	HFBR-1523Z	Versatile Link	DC-40 kBd	110m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-1524Z	HFBR-1524Z	Versatile Link	DC-1 MBd	10m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-1527Z	HFBR-1527Z	Versatile Link	DC-125 MBd	27m	125m	660nm	10.12	8.35	7.59	7.08
630-HFBR-1527ETZ	HFBR-1527ETZ	Versatile Link	125 MBd	20m	---	660 nm	11.64	9.60	8.73	8.14
630-HFBR-1528Z	HFBR-1528Z	Versatile Link	DC-10 MBd	40m	300m	650nm	10.12	8.35	7.59	7.08
630-HFBR-1531Z	HFBR-1531Z	Versatile Link	DC-5 MBd	20m	---	660nm	10.56	8.71	7.92	7.39
630-HFBR-1532Z	HFBR-1532Z	Versatile Link	DC-1 MBd	45m	---	660nm	10.56	8.71	7.92	7.39
630-HFBR-1602Z	HFBR-1602Z	SMA	DC-2 MBd	20m	---	655nm	17.20	14.19	12.90	12.04

Optical Receivers

The PIN optical receiver converts the modulated light coming from the optical fiber back into a replica of the original signal applied to the transmitter.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Connector/Package	Data Rate	Reach		Operating Wavelength	Price Each			
				POF	HCS		1	25	100	500
630-HFBR-2119TZ	HFBR-2119TZ	ST	266 MBd	1500 m	---	1300nm	77.00	63.53	57.75	53.90
630-HFBR-2316TZ	HFBR-2316TZ	ST	155 MBd	5 km	---	1300nm	50.00	41.25	37.50	35.00
630-HFBR-2402Z	HFBR-2402Z	SMA	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2412Z	HFBR-2412Z	ST	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2412TZ	HFBR-2412TZ	ST	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2412TCZ	HFBR-2412TCZ	ST	5 MBd	1500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2416Z	HFBR-2416Z	ST	160 MBd	500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2416MZ	HFBR-2416MZ	ST	160 MBd	500m	---	820nm	18.92	15.61	14.19	13.24
630-HFBR-2416TZ	HFBR-2416TZ	ST	160 MBd	500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2416TCZ	HFBR-2416TCZ	ST	160 MBd	500m	---	820nm	17.20	14.19	12.90	12.04
630-HFBR-2505AZ	HFBR-2505AZ	SMA, ST	DC-10 MBd	40m	200m	650nm	15.84	13.07	11.88	11.09
630-HFBR-2515BZ	HFBR-2515BZ	SMA, ST	DC-10 MBd	40m	200m	650nm	15.84	13.07	11.88	11.09
630-HFBR-2521Z	HFBR-2521Z	Versatile Link	DC-5 MBd	20m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-2521ETZ	HFBR-2521ETZ	Versatile Link	DC-5 MBd	20m	---	660 nm	10.12	8.35	7.59	7.08
630-HFBR-2522Z	HFBR-2522Z	Versatile Link	DC-1 MBd	45m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-2522ETZ	HFBR-2522ETZ	Versatile Link	DC-1 MBd	20m	---	660 nm	10.12	8.35	7.59	7.08
630-HFBR-2523Z	HFBR-2523Z	Versatile Link	DC-40 kBd	110m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-2524Z	HFBR-2524Z	Versatile Link	DC-1 MBd	10m	---	660nm	8.80	7.26	6.60	6.16
630-HFBR-2526ETZ	HFBR-2526ETZ	Versatile Link	125 MBd	20m	---	660 nm	15.18	12.53	11.39	10.63
630-HFBR-2528Z	HFBR-2528Z	Versatile Link	DC-10 MBd	40m	300m	650nm	15.84	13.07	11.88	11.09
630-HFBR-2531Z	HFBR-2531Z	Versatile Link	DC-5 MBd	20m	---	660nm	10.56	8.71	7.92	7.39
630-HFBR-2532Z	HFBR-2532Z	Versatile Link	DC-1 MBd	45m	---	660nm	10.56	8.71	7.92	7.39
630-HFBR-2602Z	HFBR-2602Z	SMA	DC-2 MBd	20m	---	655nm	15.00	12.38	11.25	10.50

Fiber Optic - Hardware and Accessories

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Description	Price Each			
			1	25	100	500
630-HFBR-4401Z	HFBR-4401Z	HEX-NUT/ Washer for SMA Ports 1/4 - 36 UNEF -2B Thread	32.00	26.40	24.00	22.40
630-HFBR-4402Z	HFBR-4402Z	SMA Port Caps	44.40	36.63	33.30	31.08
630-HFBR-4501Z	HFBR-4501Z	Snap-in FO Link Connector TX	.75	.68	.60	.51
630-HFBR-4503Z	HFBR-4503Z	Plastic Fiber Connector - Gray Simplex Latching with Crimp Ring	.65	.59	.52	.44
630-HFBR-4505Z	HFBR-4505Z	Plastic Fiber Connector - Gray Adapter (Bulkhead/Feedthrough)	1.13	1.01	.90	.77
630-HFBR-4506Z	HFBR-4506Z	Plastic Fiber Connector - Parchment Duplex with Crimp Ring	1.28	1.15	1.02	.87
630-HFBR-4511Z	HFBR-4511Z	Plastic Fiber Connector - Blue Simplex Connector/Crimp Ring	.75	.68	.60	.51
630-HFBR-4513Z	HFBR-4513Z	Plastic Fiber Connector - Blue Simplex Latching with Crimp Ring	.65	.59	.52	.44
630-HFBR-4515Z	HFBR-4515Z	Plastic Fiber Connector - Blue Adapter (Bulkhead/Feedthrough)	1.13	1.01	.90	.77
630-HFBR-4516Z	HFBR-4516Z	Plastic Fiber Connector - Gray Duplex with Crimp Ring	1.28	1.15	1.02	.87
630-HFBR-4531Z	HFBR-4531Z	Snap-in FO Crimpless Connector	.65	.59	.52	.44
630-HFBR-4532Z	HFBR-4532Z	Latching FO Crimpless Connector	.65	.59	.52	.44