

# AVAGO Fiber Optics



Products may be RoHS compliant.  
Check mouser.com for RoHS status.

## 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 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 500 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Description	Data Rate	Fiber Type	Price Each			
					1	10	50	100
630-HFBR-2602Z	HFBR-2602Z	2 MbD for SERCOS Applications 2x4	DC-2 MbD	POF	15.00	13.50	12.00	10.88
630-HFBR-2316TZ	HFBR-2316TZ	155 MbD 1300 nm with Dual-in-line Pkg Panel-Mount ST and SC	20-155 MbD	Multimode Glass	47.50	45.00	40.00	33.75
630-HFBR-2119TZ	HFBR-2119TZ	Fiber Optic Receiver Data Links for 266 MbD	266 MbD	Multimode Glass	73.15	65.45	61.60	51.20
630-HFBR-2402Z	HFBR-2402Z	Optical Receiver for Industrial Applications TTL Output 2x4 SMA	DC-5 MbD	Multimode Glass	16.34	15.48	13.76	12.47
630-HFBR-2412TCZ	HFBR-2412TCZ	Industrial Applications, TTL Output, 2x4, Threaded ST Conductive Port	DC-5 MbD	Multimode Glass	17.20	15.48	13.76	12.47
630-HFBR-2412TZ	HFBR-2412TZ	Industrial Applications, TTL Output, 2x4, Threaded ST	DC-5 MbD	Multimode Glass	16.34	15.48	13.76	12.47
630-HFBR-2412Z	HFBR-2412Z	Industrial Applications, TTL Output, 2x4, ST	DC-160 MbD	Multimode Glass	16.34	15.48	13.76	12.47
630-HFBR-2416MZ	HFBR-2416MZ	Industrial Applications, Analog Output, 2x4, Metal ST	20-160 MbD	Multimode Glass	17.98	17.03	15.14	13.72
630-HFBR-2416TCZ	HFBR-2416TCZ	Industrial Apps, Analog Output, 2x4, Threaded ST Conductive Port	20-160 MbD	Multimode Glass	17.20	15.48	13.76	12.47
630-HFBR-2416TZ	HFBR-2416TZ	Industrial Applications, Analog Output, 2x4, Threaded ST	20-160 MbD	Multimode Glass	16.34	15.48	13.76	12.47
630-HFBR-2416Z	HFBR-2416Z	Industrial Applications, Analog Output, 2x4, ST	20-160 MbD	Multimode Glass	16.34	15.48	13.76	12.47
630-HFBR-2521Z	HFBR-2521Z	5 MbD High Performance Link Receiver Horizontal Package 1x4	DC-5 MbD	LED	8.36	7.92	7.04	6.38
630-HFBR-2522Z	HFBR-2522Z	1 MbD High Performance Link Receiver Horizontal Package 1x4	DC-1 MbD	LED	8.36	7.92	7.04	6.38
630-HFBR-2523Z	HFBR-2523Z	40 Kbd Low Current/Ext Distance Link Receiver Horizontal Pkg 1x4	DC-40	LED	8.36	7.92	7.04	6.38
630-HFBR-2524Z	HFBR-2524Z	1 MbD Standard Link Receiver Horizontal Package 1x4	DC-1 MbD	LED	8.36	7.92	7.04	6.38
630-HFBR-2532Z	HFBR-2532Z	1 MbD High Performance Link Transmitter Vertical Package 1x4	DC-1 MbD	LED	10.04	9.50	8.45	7.66

### 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 500 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Description	Data Rate	Fiber Type	Price Each			
					1	10	50	100
630-HFBR-1119TZ	HFBR-1119TZ	266 MbD Optical Transmitter for Fibre Channel/Storage, 2x8	266 MbD	Multimode Glass	73.15	65.45	61.60	51.20
630-HFBR-1412TMZ	HFBR-1412TMZ	Miniature Fiber Optic Transmitter with Threaded Metal ST Port	DC-5 MbD	HCS	17.20	15.48	13.76	12.47
630-HFBR-1412TZ	HFBR-1412TZ	Optical Transmitter-Industrial Applications Std PWR 2x4 Threaded ST	DC-5 MbD	HCS	16.34	15.48	13.76	12.47
630-HFBR-1412Z	HFBR-1412Z	Optical Transmitter for Industrial Applications Standard Power, 2x4, ST	DC-5 MbD	HCS	16.34	15.48	13.76	12.47
630-HFBR-1414TZ	HFBR-1414TZ	Optical Transmitter for Ind. Applications High Power 2x4 Threaded ST	DC-160 MbD	HCS	16.34	15.48	13.76	12.47
630-HFBR-1414Z	HFBR-1414Z	Optical Transmitter for Industrial Applications High Power 2x4 ST	DC-160 MbD	HCS	16.34	15.48	13.76	12.47
630-HFBR-1521Z	HFBR-1521Z	5 MbD H-Perf. Link Transmitter-Industrial Apps Horizontal pkg 1x4	DC-5	POF	8.36	7.92	7.04	6.38
630-HFBR-1522Z	HFBR-1522Z	1 MbD H-Perf. Link Transmitter-Industrial Apps Horizontal pkg 1x4	DC-1	POF	8.36	7.92	7.04	6.38
630-HFBR-1523Z	HFBR-1523Z	40 Kbd Low Current/Ext Dist. Link Trans-Industrial Horizontal pkg 1x4	DC-40	POF	8.36	7.92	7.04	6.38
630-HFBR-1524Z	HFBR-1524Z	1 MbD Standard Link Transmitter for Ind. Apps Horizontal pkg 1x4	DC-1	POF	8.36	7.92	7.04	6.38
630-HFBR-1527Z	HFBR-1527Z	125 MbD Optical Transmitter-Industrial Apps Horizontal Package, 1x4	1-125	POF-HCS	9.62	9.11	8.10	7.34
630-HFBR-1528Z	HFBR-1528Z	10 MbD H-Perf. Transmitter for Ind. Applications Horizontal pkg 1x4	DC-10 MbD	POF-HCS	9.62	9.11	8.10	7.34
630-HFBR-1531Z	HFBR-1531Z	5 MbD H-Perf. Link Transmitter-Industrial Apps, Vertical Package, 1x4	DC-5 MbD	POF	10.04	9.50	8.45	7.66
630-HFBR-1532Z	HFBR-1532Z	MBD H-Perf. Link Transmitter-Industrial Apps, Vertical Package 1x4	DC-1 MbD	POF	10.04	9.50	8.45	7.66
630-HFBR-1602Z	HFBR-1602Z	2 MbD Optical Transmitter for SERCOS Applications 2x4	DC-2+ MbD	POF	17.20	15.48	13.76	12.47
630-HFBR-2528Z	HFBR-2528Z	10 Megabaud Versatile Link Fiber Optic	DC-10 MbD	POF	15.05	14.26	12.67	11.48
630-HFBR-2531Z	HFBR-2531Z	5 MbD High Perf. Link Transmitter-Industrial Apps Vertical pkg 1X4	DC-5 MbD	POF	10.04	9.50	8.45	7.66
630-HFBR-1312TZ	HFBR-1312TZ	155 MbD Optical Transmitter 2x4, Ext. Temperature (-40 to +85°C)	20-155	Multimode Glass	47.50	45.00	40.00	33.75

### Fiber Optic - Hardware and Accessories

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Avago Part No.	Description	Price Each			
			1	10	50	100
630-HFBR-4411	HFBR-4411	HEX-NUT/Washer for ST Ports 3/8 - 32 UNEF - 2B Thread	32.00	28.80	25.60	23.20
630-HFBR-4401Z	HFBR-4401Z	HEX-NUT/ Washer for SMA Ports 1/4 - 36 UNEF -2B Thread	32.00	28.80	25.60	23.20
630-HFBR-4402Z	HFBR-4402Z	SMA Port Caps	44.40	39.96	35.52	32.19
630-HFBR-4120Z	HFBR-4120Z	ST Port Plugs (120psi)	101.40	91.26	81.12	73.52
630-HFBR-4501Z	HFBR-4501Z	Snap-in FO Link Connector TX	.71	.69	.564	.54
630-HFBR-4503Z	HFBR-4503Z	Plastic Fiber Connector - Gray Simplex Latching with Crimp Ring	.61	.60	.489	.47
630-HFBR-4505Z	HFBR-4505Z	Plastic Fiber Connector - Gray Adapter (Bulkhead/Feedthrough)	1.08	1.04	.846	.81
630-HFBR-4506Z	HFBR-4506Z	Plastic Fiber Connector - Parchment Duplex with Crimp Ring	1.22	1.17	.959	.918
630-HFBR-4511Z	HFBR-4511Z	Plastic Fiber Connector - Blue Simplex Connector/Crimp Ring	.71	.69	.564	.54
630-HFBR-4513Z	HFBR-4513Z	Plastic Fiber Connector - Blue Simplex Latching with Crimp Ring	.61	.60	.489	.47
630-HFBR-4515Z	HFBR-4515Z	Plastic Fiber Connector - Blue Adapter (Bulkhead/Feedthrough)	1.08	1.04	.846	.81
630-HFBR-4516Z	HFBR-4516Z	Plastic Fiber Connector - Gray Duplex with Crimp Ring	1.22	1.17	.959	.918
630-HFBR-4531Z	HFBR-4531Z	Snap-in FO Crimpless Connector	.61	.60	.489	.47
630-HFBR-4532Z	HFBR-4532Z	Latching FO Crimpless Connector	.61	.60	.489	.47

