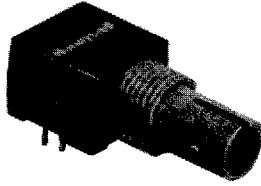


# Optoelectronic Sensors

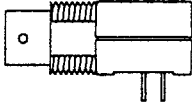
## Fiber Optic Detectors

HFD Series

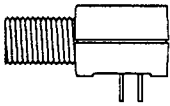


### TYPICAL HOUSINGS (For reference only)

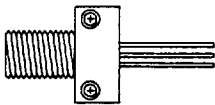
#### Pkg. 1 ST-FD



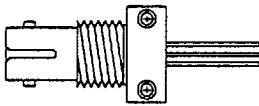
#### Pkg. 2 SMA-FD



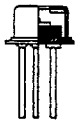
#### Pkg. 3 SMA-LP



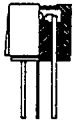
#### Pkg. 4 ST-LP



#### Pkg. 5 Metal Hermetic



#### Pkg. 6 Plastic



### FEATURES

- Connectorized plastic or hermetic metal detectors
- Linear, TTL, analog outputs
- Choice of connector housings

### PHOTODIODE ORDER GUIDE, LINEAR OUTPUT

Catalog Listing	Responsivity mA/mW	I <sub>D</sub> nA	B <sub>VR</sub> Volt	t <sub>r</sub> ns	Cap. pF	Pkg.
HFD3843-002	0.45	2.0	110	10	1.4	3-5
HFD3875-002	0.30	1.5	35	2	2.0	3-5
HFD3847-002	0.45	2.0	110	10	2.1	3-6
HFD3877-002	0.30	1.5	35	2	2.0	3-6
HFD3854-002	0.45	2.0	110	10	1.4	4-5
HFD3874-002	0.30	1.5	35	2	2.0	4-5
HFD3855-002	0.45	2.0	110	10	2.1	4-6
HFD3876-002	0.30	1.5	35	2	2.0	4-6

### INTEGRATED DETECTORS ORDER GUIDE, TTL OUTPUT

Catalog Listing	Sensitivity		I <sub>CC</sub> mA	PWD (NS)	Output	Pkg.
	μW	dBm				
HFD3213-002	2.8	-25	15	50	Inv.	1-6
HFD3403-002	2.8	-25	15	60	Inv.	2-6
HFD3850-002	1.0	-30	20	50	Inv.	3-6
HFD3879-002	3.0	-25	15	60	Inv.	3-6
HFD3881-002	1.0	-30	12	—	Std.	3-6
HFD3858-002	1.0	-30	20	50	Inv.	4-5
HFD3859-002	1.0	-30	20	50	Inv.	4-6
HFD3878-002	3.0	-25	15	60	Inv.	4-6
HFD3890-002	1.0	-30	12	—	Std.	4-6

### INTEGRATED DETECTORS ORDER GUIDE, ANALOG OUTPUT

Catalog Listing	Responsivity mV/μW	Bandwidth MHz	I <sub>CC</sub> (mA)	Output Noise	Pkg.
HFD3862-002	4	35	10	0.35 mV	3-6
HFD3866-002	4	35	10	0.35 mV	4-6