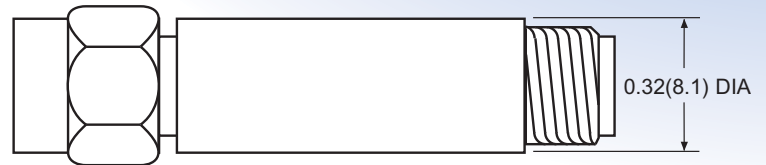


Zero Bias Schottky Detectors

- 0.01 – 40 GHz
- High Sensitivity
- Low VSWR
- Flat Response
- Low Output Resistance
- No Bias
- Matched Pairs Available

General Specifications

Impedance	50 ohms
Max. Input Power	200mW CW
Shock	50g, 11msec
Vibration	20g, 100-2000 Hz
Standard Output Polarity	Negative
Optional Output Polarity	Positive (suffix "P")
Pair Matching (suffix "M")	+/-0.3dB to 18.5GHz, +/-0.5dB to 26.5GHz
Specification Conditions	+25C



INPUT

OUTPUT

Dimensions in inches (mm)

Model No.	Frequency Range	Low Level Sens. (mV/mW) min.	Flatness (+/-dB) typ.	VSWR max.	Operating Temp. deg. C	Input Conn.	Output Conn.	Overall Length ins (mm)
AZD-10012	10MHz-12.4GHz	500	0.3	1.25:1	-55+100C	SMA(M)	SMA(F)	1.05(26.7)
AZD-10018	10MHz-18.5GHz	500	0.5	1.25:1	-55+100C	SMA(M)	SMA(F)	1.05(26.7)
AZD-10026	10MHz-26.5GHz	500	1.0	1.3:1 10MHz-18GHz 2.0:1 18GHz-26.5GHz	-55+100C	SMA(M)	SMA(F)	1.05(26.7)
AZD-20012	10MHz-12.4GHz	500	0.5	1.2:1 10MHz-4.5GHz 1.3:1 4.5GHz-7GHz 1.4:1 7GHz-12.4GHz	-45+85C	SMA(M)	SMA(F)	1.05(26.7)
AZD-20018	10MHz-18.5GHz	500	0.5	1.2:1 10MHz-4GHz 1.5:1 4GHz-18.5GHz	-45+85C	SMA(M)	SMA(F)	1.05(26.7)
AZD-20026	10MHz-26.5GHz	500	1.0	1.2:1 10MHz-4GHz 1.5:1 4GHz-18GHz 1.8:1 18GHz-26.5GHz	-45+85C	SMA(M)	SMA(F)	1.05(26.7)
ADZ-20040	10MHz-40GHz	400	1.0	1.3:1 10MHz-18GHz 1.6:1 18GHz-26GHz 1.8:1 26GHz-40GHz	-45+85C	2.92mm(M)	SMA(F)	1.30(33.0)

Custom frequency ranges, specifications and configurations are also available.

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.