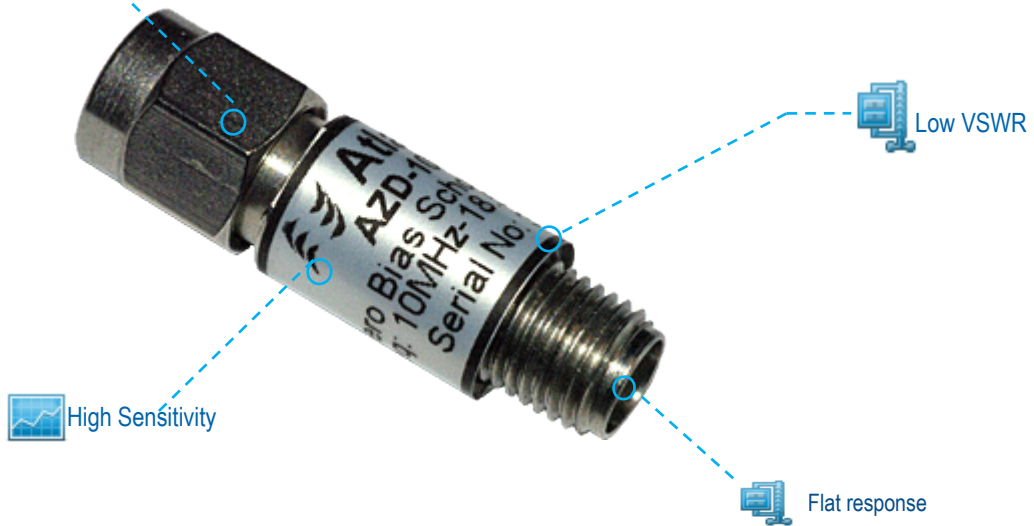


# Zero Bias Schottky Detectors

- 0.01 - 12.4GHz
- High Sensitivity
- Low VSWR
- Flat Response
- Low Output Resistance
- No Bias

 Operating frequency range 0.1-12.4GHz



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")
Specification Conditions	+25C

Model No.	Frequency Range	LowLevel Sens. (mV/W 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-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)

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.  
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

