



Specifications

Model	AWA14423	AWA14423C	AWA14424B	AWA14424C	AWA14424D	AWA14425	AWA14426	AWA14429	AWA144234	AWA14435	AWA14436
Frequency Response Characteristic	Free field		Pressure field			Free field	Pressure field	Diffusion field	Pressure field	Free field	Pressure field
Diameter (inch)	1/2"								1/4"		
Open Circuit Sensitivity (mV/Pa)	50	50	28.2	26.6	26.6	44.6	12.6	33.5	0.6	4.0	1.0
Polarization Voltage (V)	0										
Frequency Range (Hz)	3.15~20,000	0.125~20,000	3.15~20,000	0.2~20,000	5~16,000	3.15~20,000	3.15~20,000	3.15~12,5000	3.15~40,000	5~20,000	3.15~70,000
Dynamic Range (dB) *	16~146	16~146	19.5~152	21~156	21~156	16~146	25~161	21~150	57~175	40~167	53~176
Capacitance at 250 Hz (pF)	18	18	17	12	12	16	11	17	3	6	3.5
Ambient Temperature Coefficient (dB/°C)	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.015	0.015	0.015
Dimensions (mm)	Φ13.2x17.5	Φ13.2x17.5	Φ13.2x16.5	Φ13.2x13.6	Φ13.2x13.6	Φ13.2x17.5	Φ13.2x12.7	Φ13.2x17.5	Φ7x10.4	Φ7x10.4	Φ7x10.4

* From A-weighting noise floor to 3% distortion (dB re 20 μPa).

Model	AWA14403	AWA14404	AWA14411	AWA14412	AWA14421	AWA14421L	AWA14421B	AWA14422	AWA14422D
Frequency Response Characteristic	Free field	Pressure field	Free field	Pressure field	Free field	Free field	Free field	Pressure field	Pressure field
Diameter(inch)	1/2"		1"		1/2"				
Open Circuit Sensitivity (mV/Pa)	14.1	12.6	100	89.1	31.6	22.4	6.7	35.5	31.6
Polarization Voltage (V)	200		0						
Frequency Range (Hz)	3.15~40,000	3.15~20,000	10~16,000	10~8,000	3.15~12,500	3.15~12,5000	20~12,500	3.15~8,000	3.15~10,000
Dynamic Range (dB) *	20~162	20~162	6.5~137	7.5~137	20~148	25~150	30~150	20~148	20~148
Capacitance at 250 Hz (pF)	18	18	35	35	17	15	19	15	15
Ambient Temperature Coefficient (dB/°C)	0.005	0.005	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Dimensions (mm)	Φ13.2x13.3	Φ13.2x13.3	Φ23.77x20.2	Φ23.77x20.2	Φ13.2x17.5	Φ13.2x17.5	Φ13.2x13.9	Φ13.2x17.5	Φ13.2x17.5

* From A-weighting noise floor to 3% distortion (dB re 20 μPa).