


KNOWLES Speakers and Transducers

RoHS Compliant  This product is RoHS compliant.



SUBMINIATURE SPEAKERS

Knowles sub-miniature speaker designs are based on balanced armature technology, utilized in a variety of high performance audio and communication products. Knowles balanced armature speakers are available in several sizes and efficiencies, which can be finely tuned to meet your specific performance requirements.



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For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Knowles Part No.	Dimensions: mm	Sensitivity	Port Location	Imp @ 1kHz	Imp @ 500Hz	Ferrofluid	MPO 500	MPO Pk	Price Each		
										1	10	25
721-BK-26824-000	BK-26824-000	7.87 x 5.59 x 4.04	118	12S	29	16	No	124	137	18.84	16.74	15.07
721-BK-26877-000	BK-26877-000	7.87 x 5.59 x 4.04	119.5	12S	52	28	No	124	137	18.84	16.74	15.07
721-BK-28507-000	BK-28507-000	7.87 x 5.59 x 4.04	125	12S	30	13.3	No	124	137	19.40	17.25	15.52
721-BK-28562-000	BK-28562-000	7.87 x 5.59 x 4.04	124	12S	35	23	No	124	137	19.40	17.25	16.38
721-BK-29725-000	BK-29725-000	7.87 x 5.59 x 4.04	118	12S	640	285	No	124	137	19.40	17.25	16.38
721-CI-22955-000	CI-22955-000	9.47 x 7.18 x 4.10	125	12C	68	0	No	130	143	26.19	23.28	22.11
721-CI-22960-000	CI-22960-000	9.47 x 7.18 x 4.10	125	12C	400	0	No	130	143	22.68	20.16	19.15
721-DTEC-30008-000	DTEC-30008-000	7.87 x 4.09 x 5.59	123	12S	39	35	No	128	142	47.57	42.29	40.17
721-EC-23097-000	EC-23097-000	7.59 x 4.34 x 3.73	108	12S	400	200	No	116	130	23.53	20.92	19.87
721-EC-23098-000	EC-23098-000	7.59 x 4.34 x 3.73	108	12S	840	425	No	116	130	23.53	20.92	19.87
721-ED-23147-000	ED-23147-000	6.32 x 4.31 x 2.97	104	12C	87	48	No	116	128	24.49	21.77	20.68
721-ED-23619-000	ED-23619-000	6.32 x 4.31 x 2.97	104	12C	10.2	7.1	No	116	128	24.49	21.77	20.68
721-ED-26821-000	ED-26821-000	6.32 x 4.31 x 2.97	103	12C	10.2	7.1	No	116	128	24.49	21.77	20.68
721-ED-29689-000	ED-29689-000	6.32 x 4.31 x 2.97	104	12C	10.2	7.1	No	116	128	24.49	21.77	20.68
721-ED-30103-000	ED-30103-000	6.32 x 4.31 x 2.97	102.5	12C	33	19	No	116	128	25.82	22.95	21.80
721-ED-30262-000	ED-30262-000	6.32 x 4.31 x 2.97	106.5	12C	40.5	22.5	No	116	128	25.82	22.95	21.80
721-FC-26465-000	FC-26465-000	5.17 x 3.55 x 3.00	104	12C	85	57	No	112	124	33.36	29.66	26.69
721-FED-30048-104	FED-30048-104	6.32 x 4.31 x 2.97	103	12N	29	26	Yes	116	128	28.07	24.95	23.70
721-TEC-30033-000	TEC-30033-000	7.87 x 4.09 x 2.79	117	12C	59	31	No	118	138	31.72	28.19	25.37
721-TWFK-30017-000	TWFK-30017-000	5.00 x 2.73 x 3.86	95	12S	43	31	No	110.5	123.5	51.44	45.72	41.15
721-WBFB-30019-000	WBFB-30019-000	5.00 x 2.73 x 1.93	91	12N	16	15	No	107	125	40.19	35.72	33.93
721-WBFB-30095-000	WBFB-30095-000	5.00 x 2.73 x 1.93	91	12S	14.5	13.5	No	107	125	40.19	35.72	33.93
721-WBHC-23910-000	WBHC-23910-000	5.17 x 3.55 x 3.00	95	12C	145	130	No	114	121	40.77	36.24	32.62

WATERPROOF TRANSDUCERS

Knowles waterproof speaker designs are achieved by sealing the speaker element inside of a waterproof bellows assembly. The assembly can be panel mounted, used outdoors, and for repeated submersion. Design characteristics include no loss of performance after immersion in fifteen meters of water, corrosion resistance, impervious to explosive decompression, and high resistance to mechanical shock. Knowles' waterproof microphones are designed to survive complete immersion in water. Form factors include a miniature design that can be immersed in water to a depth of one meter, and a bellows design for depths to 15 meters. The miniature design offers excellent noise canceling performance that is ideal for underwater sensors and instrumentation.



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MOUSER STOCK NO.	Knowles Part No.	Dimensions: mm	Sensitivity	Port Location	Impedance	Imp @ 500Hz	MPO 500	MPO Pk	Price Each		
									1	10	25
721-MR-23151-000	MR-23151-000	12.7 dia x 22.23	-87.5	Grill	300 ohm	-	-	-	37.43	33.27	29.94
721-MR-23333-000	MR-23333-000	12.7 dia x 22.23	100	Grill	150 ohm	21	110	129	56.67	50.38	47.86
721-MR-28406-000	MR-28406-000	12.7 dia x 22.23	-60	Grill	3500 ohm	-	-	-	51.54	45.82	41.23
721-WP-23501-000	WP-23501-000	4.00 x 5.59 x 2.28	-54	OJa/OKa	2500 ohm	-	-	-	31.04	27.59	24.83

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