

FG/BFG series

The FG Series microphone is the world's smallest electret condenser microphone. Its cylindrical shape and compact size provide for superior fit rates. The FG can also be used in directional applications as a matched omni-directional pair. The BFG is an improved version of the FG microphone and offers enhanced PFA performance and power-on reset for instant settling time. Its electrical high pass filter enabling custom corner frequencies makes the BFG ideal for use in directional applications as a matched omni-directional pair.

Features

- Small size is ideal for multiple applications
- Rugged
- High resistance to mechanical shock
- Exceptionally low vibration sensitivity
- Various responses available
- Integral RFI suppression
- BFG offers improved Power Feedthrough Attenuation, improved settling time, and electrical high pass filter
- Custom corner frequencies achieved through electrical high pass filter optimize noise performance at low frequencies for demanding matching and directional applications


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Product Families	Model ID	Dimensions	kHz Sensitivity	Port Location	Response	Directional	Peak Freq.	Noise max	Elec. Rolloff	Downloads
FG/BFG	FG-23329-P142	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	30	n/a	Tech specs (104.00 kB) 3D models (1.67 MB)
FG/BFG	FG-23453-C05	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Low-End Roll-Off	Omni-directional	10000	32	n/a	Tech specs (114.80 kB) 3D models (1.43 MB)

Product Families	Model ID	Dimensions	kHz Sensitivity	Port Location	Response	Directional	Peak Freq.	Noise max	Elec. Rolloff	Downloads
FG/BFG	FG-23629-C36	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	28	n/a	Tech specs (116.74 kB) 3D models (1.35 MB)
FG/BFG	FG-23652-C36	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	12S	Flat	Omni-directional	10000	28	n/a	Tech specs (137.52 kB) 3D models (1.38 MB)
FG/BFG	FG-23653-C36	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Low-End Roll-Off	Omni-directional	10000	30	n/a	Tech specs (116.33 kB) 3D models (1.21 MB)
FG/BFG	FG-23742-C05	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-63	0KN	Flat	Omni-directional	10000	36	n/a	Tech specs (114.05 kB) 3D models (841.73 kB)
FG/BFG	FG-23813-C36	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	12S	Low-End Roll-Off	Omni-directional	10000	30	n/a	Tech specs (118.64 kB) 3D models (648.13 kB)
FG/BFG	FG-26107-XXX	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	30	n/a	Tech specs (132.76 kB)
FG/BFG	FG-26108-C33	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	30	n/a	Tech specs (71.95 kB) 3D models (1.90 MB)

Product Families	Model ID	Dimensions	kHz Sensitivity	Port Location	Response	Directional	Peak Freq.	Noise max	Elec. Rolloff	Downloads
FG/BFG	FG-26163-000	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-58	0KN	6dB/ Octave Ski Slope	Omni-directional	10000	-93	n/a	Tech specs (116.30 kB) 3D models (1.21 MB)
FG/BFG	FG-26480-C68	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	30	n/a	Tech specs (116.21 kB)
FG/BFG	FG-26481-C69	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	30	n/a	Tech specs (83.54 kB)
FG/BFG	FG-26640-A76	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	30	n/a	Tech specs (122.29 kB) 3D models (1.65 MB)
FG/BFG	FG-26651-C36	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	12S	Flat	Omni-directional	8500	28	n/a	Tech specs (117.06 kB) 3D models (1.36 MB)
FG/BFG	FG-26705-G13	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Low-End Roll-Off	Omni-directional	10000	32	n/a	Tech specs (115.86 kB) 3D models (1.21 MB)
FG/BFG	FG-26706-G13	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Low-End Roll-Off	Omni-directional	10000	32	n/a	Tech specs (115.86 kB) 3D models (1.90 MB)

Product Families	Model ID	Dimensions	kHz Sensitivity	Port Location	Response	Directional	Peak Freq.	Noise max	Elec. Rolloff	Downloads
FG/BFG	FG-26726-D17	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	12S	Flat	Omni-directional	10000	28	n/a	Tech specs (86.26 kB) 3D models (2.84 MB)
FG/BFG	FG-26771-G10	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-53	0KN	Flat	Omni-directional	10000	28	n/a	
FG/BFG	FG-26829-C36	2.59 dia x 2.59mm (0.102 dia x 0.102in)	-55	12S	Damped	Omni-directional	6000	28	n/a	Tech specs (120.08 kB) 3D models (1.13 MB)