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» KINGFISHER FIBER OPTIC MICROPHONES

Abbreviations: SPL - Sound pressure levels EXF - Extended frequency response
EXTF - Extreme temperatures & extended frequency response
SNR - High signal-to-noise ratios over extended distances
ISEXF - Infrasound and extended frequency response

SPECIFICATION	SOM(3)	SOM(4)	SOM(5)	SOM(3/4/*5) SPL	SOM(3/4/*5) EXF	SOM(4/*5) EXTF	SOM(4) STEREO	SOM(4/*5) SNR	SOM(4/*5) SNR EXTF	SOM(5) ISEXF	SOM(5) WATERPROOF
Absolute EMI/RFI immunity	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
*Robust design suited to industrial applications			✔	✔	✔	✔		✔	✔	✔	✔
Linear response at up to 140 dB SPL				✔							
Extended frequency response (10-15,000 Hz)				✔	✔	✔	✔		✔	✔	
Suitable for use at extreme temperatues						✔			✔		
Infrasound measurements/capability (0.5 -15,000 Hz)										✔	
High SNR over long distances								✔	✔		
Noise levels lower than best electret microphones								✔	✔		
High reliability and environmental stability	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Waterproof and submersible to depths of 15 meters											✔
Stereo funcionality (matched stereo microphones)							✔				
Excellent sound accuracy	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Exceptionally low sensitivity to vibration	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
MRI scanner room SPL measurement				✔							
MRI earmuff noise measurement				✔							
fMRI headphone calibration				✔							
High fidelity signal monitoring					✔	✔			✔	✔	
Monitoring two separate locations							✔				
Sound energy density measurement							✔				
Extremely low level noise monitoring								✔	✔		
Long range peer-to-peer monitoring								✔	✔		
*Robust outdoor operations						✔					✔
Line Output	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2 Year Warranty	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔