



HS

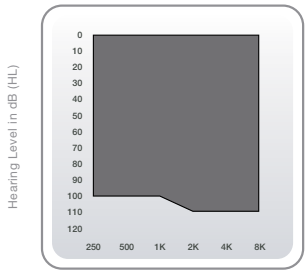
half-shell

Matrices: Up to 130/70
Maximum Output: Up to 30dB Reduction in 2dB Steps (range varies by channel)
Compression Threshold: 24dB Range in 4dB Steps
Compression Ratio: 1:1-3:1 (range varies by channel)
Battery Sizes: 10, 312, 13

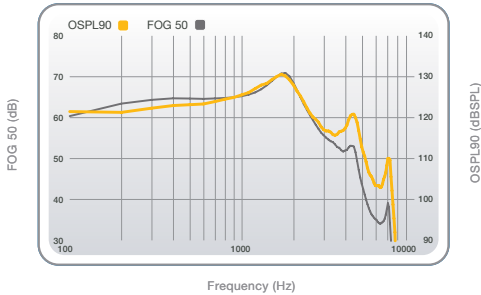
avail[™]₂₀

ANSI/IEC data

HS		
ANSI/IEC 2cc Coupler	IEC OES Coupler	Measurement
110-130	119-139	Peak OSPL90 (dB SPL)
106-126	NA	HFA OSPL90 (dB SPL)
NA	114-138	RTF OSPL90 (dB SPL)
40-70	50-79	Peak Gain (dB)
36-65	NA	HFA Full-On Gain (dB)
NA	43-78	RTF Full-On Gain (dB)
100 - 7000	NA	Frequency Range (Hz)
NA	1.6	Reference Test Frequency (kHz)
1.0, 1.6, 2.5	NA	HFA Frequencies (kHz)
29-49	36-63	Reference Test Gain (dB)
		Harmonic Distortion
<3	<3	500 Hz (%)
<3	<3	800 Hz (%)
<3	<3	1600 Hz (%)
		Attack and Release Time (ANSI/IEC) – Test Mode
20	20	Attack Time (ms)
5-150	5-250	Release Time 0.1s (ms)
5-150	5-250	Release Time 2.0s (ms)
		Induction Coil Sensitivity
89-109	NA	HFA SPLITS (ANSI) (dB SPL)
NA	73-108	MASL (IEC) (dB SPL)
1.1-1.7	1.1-1.7	ANSI/IEC Battery Current (mA)
1.0-1.3	1.0-1.3	Idle Current (mA)
		Estimated Battery Life for 16-Hour Day
13-17	13-17	13 Zinc Air (days)
7-10	7-10	312 Zinc Air (days)
5-7	5-7	10 Zinc Air (days)



Frequency (Hz)
 Avail HS fitting range.



OSPL90 (yellow) and Full-On Gain (gray) curves for the Avail HS at the highest matrix of 130/70.