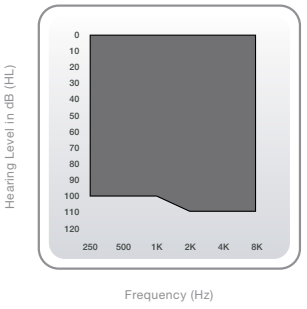
ITE

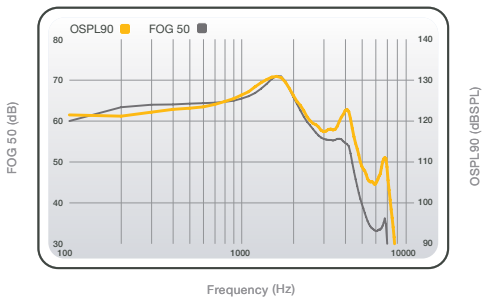
in-the-ear

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: *13, 312*

avail 20



Avail ITE fitting range.



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

ANSI/IEC *data*

	ITE	
Measurement	ANSI/IEC 2cc Coupler	IEC OES Coupler
Peak OSPL90 (dB SPL)	115-130	124-139
HFA OSPL90 (dB SPL)	111-126	NA
RTF OSPL90 (dB SPL)	NA	118-138
Peak Gain (dB)	45-70	54-79
HFA Full-On Gain (dB)	41-65	NA
RTF Full-On Gain (dB)	NA	47-79
Frequency Range (Hz)	100 - 7000	NA
Reference Test Frequency (kHz)	NA	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	NA
Reference Test Gain (dB)	34-49	40-64
Harmonic Distortion		
500 Hz (%)	<3	<3
800 Hz (%)	<3	<3
1600 Hz (%)	<3	<3
Attack and Release Time (ANSI/IEC) – Test Mode		
Attack Time (ms)	20	20
Release Time 0.1s (ms)	5-150	5-250
Release Time 2.0s (ms)	5-150	5-250
Induction Coil Sensitivity		
HFA SPLITS (ANSI) (dB SPL)	94-109	NA
MASL (IEC) (dB SPL)	NA	77-109
ANSI/IEC Battery Current (mA)	1.1-1.7	1.1-1.7
Idle Current (mA)	1.0-1.3	1.0-1.3
Estimated Battery Life for 16-Hour Day		
13 Zinc Air (days)	13-17	13-17
312 Zinc Air (days)	7-10	7-10
10 Zinc Air (days)	NA	NA