

Flexy Series

FL20IS Ultra CIC



Technical Specifications

		EN 60118-0	EN 60118-7:2005
		Ear Simulator	2ccm-coupler
Output (OSPL90)			
Max	dB SPL	121	113
HFA Avg (1000,1600,2500 Hz)	dB SPL	115	108
Gain (FOG50)			
Max	dB	52	43
HFA Avg (1000,1600,2500 Hz)	dB	43	36
Reference Test Gain (Input 60 dB SPL)			
	dB	38	30
EQ Input Noise			
	dB SPL	25	24
Frequency Response (RESP60)			
Low Frequency Limit	Hz	100	100
High Frequency Limit	Hz	7100	6700
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	0.7	0.7
800 Hz (Input 70 dB SPL)	%	0.9	0.9
1600 Hz (Input 75 dB SPL)	%	0.8	0.6
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	1,18	1,16
Battery Life (Avg)	Hour	77	78
Battery Type			
			10
Operating Voltage			
	V		1.3
EQ Band			
			16
Number of programs			
			4
WDRC channels			
			6
Frequency channels			
			16
Microphone			
			1
Button (VC/Prog)			
			Multifunctional

Key Features:

- 30 Compression Application Parameters
- 16 Frequency Channels
- 24 kHz Sampling Frequency
- 6 MPO Output Limits
- 16 EQ Bands
- Up to 12kHz Fitting Bandwidth*
- 4 Programs
- 6 WDRC Channels
- Noise Reduction
- FBC (FeedBack Canceller)
- Program Change Warning (Voice or Tone)
- Low Battery Warning (Voice or Tone)
- Volume Control
- Starting Program/Volume Memory
- Datalogging
- Activation Delay
- Fitting Formula Settings (NAL-NL2, DSL Adult/Pediatrics)

- Frequency Channel and WDRC Channel Independent Adaptation
- Mobile Parameter Setting (Cleverear)
- AirPlane Mode
- EarToEar Connectivity
- Bluetooth® Control

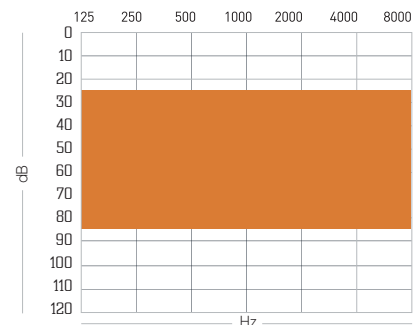
Performance Features:

Extra safety and durability tests:
Ear-technic hearing devices are reliable, durable and robust with its unique design.

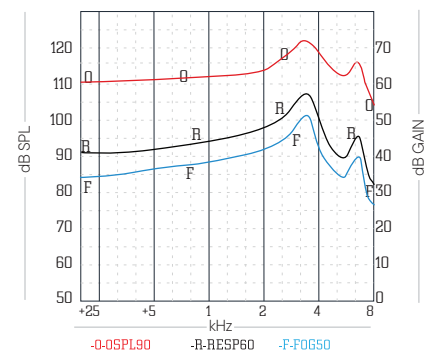
- Device is tested in according to IEC 60068-2-64 (Vibration)
- IEC 60068-2-31 (mechanical shocks)
- IEC 60068-2-14 (shock temperature changes)

Note: The tests are performed on the kit.

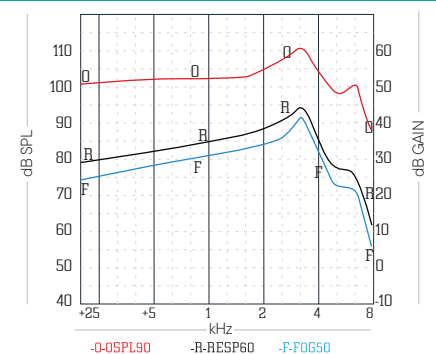
Fitting Range



EN 60118-0 Ear Simulator



EN 60118-7:2005 2ccm-coupler



OSPL (Output Sound Pressure Level) / RESP (Frequency Response)
FOG (Full On Gain). Technical data are given in according to EN 60118-0 Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.

Programming System

Cable : ITE cable 10 Batt./Right&Left
Battery : Without Battery
Progr.-Box: Hi-Pro / Hi-Pro2 with USB
Software : CorrectFit2

Programming Cable

HI-PRO2



Wireless Programming
FitLine



* Bandwidth is available in Gain Adjustments in Fitting software.