Pinnas for Ear Simulators

A "Pinna" for an Ear Simulator refers to a specialized component designed to replicate the external ear's physical characteristics. It plays a crucial role in the precise testing of communication devices, particularly for telephone calls. The primary objective is to measure the authentic response of a telephone call through accurate emulation.

ZT-728 High-Leak Pinna for Ear Simulator:

This specific pinna is engineered to simulate the typical human ear loss experienced when a telephone handset is positioned far away from the ear (high leakage scenario). It is intended for use in conjunction with the ear simulator (ZT-727) and preamplifier, in alignment with the guidelines outlined in IEC 60318-4. By replicating these conditions, it enables accurate measurement and evaluation of sound quality in such scenarios.

ZT-729 Low-Leak Pinna for Ear Simulator:

In contrast, the ZT-729 pinna is designed to simulate the average human ear loss during instances where the handset is placed in close proximity to the ear (low leakage scenario). Similar to its counterpart, it should be employed alongside the ear simulator (ZT-727) and preamplifier, following the specifications of IEC 60318-4. This configuration ensures reliable assessments of sound quality in scenarios that involve closer proximity to the ear.

Both of these specialized pinnas enhance the capabilities of the ear simulator system, allowing for accurate testing and analysis of audio equipment performance, specifically related to telephone calls, under varying conditions.

	ZT-713 Low-Leak Pinna for Ear Simulator	ZT-712 Low-Leak Pinna for Ear Simulator
Picture		
Standard	IEC 60318-4	IEC 60318-4
Ear simulator	ZT-711	ZT-711
Preamplifier	ZT-508 (IEPE, BNC)	ZT-508 (IEPE, BNC)