**Technical Specifications**

**Cochlear™ Nucleus® Profile™ Plus with Slim Modiolar Electrode (CI632)**

**MRI at 1.5T and 3.0T with Magnet in Place**

1. Thin implant body that provides a natural and low-profile appearance designed to minimize need for drilling.  
2. Implant coil enabling telemetry.  
3. Smooth external geometry to minimize biofilm formation and reduce risk of infection.  
4. Titanium casing, for impact resistance.  
5. Symmetrical side-by-side exit leads from main casing, for easier surgery.  
6. Removable magnet to reduce artifact, if required. Implant is approved for 1.5T and 3.0T with magnet in place.  

Circle on magnet indicates the side that should be away from the bone.

Sterilized replacement magnet (P782485) and non-magnetic cassette (P782484) are available from Cochlear.

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<tr>
<th>Weight (without sheath)</th>
<th>9.2 g including electrode array</th>
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<tr>
<td>Impact Resistance</td>
<td>Resistant against external impact up to 2.5 joules.</td>
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**Note:** All measurements include silicone coating. Images not to scale.
**Custom Design Microelectric Platform**

**Power efficient**
- Stimulus amplitude range 0 µA to 1750 µA nominal at 37o C.
- Stimulation rates up to 31.5 kHz.

**Implant ID and type check**
- Enables the sound processor to confirm whether it is coupled to the nominated implant.

**Stimulation modes**
- Monopolar, bipolar or common ground stimulation modes using biphasic current pulses, designed for flexible programming options.

**Telemetry capability**
- Includes fully integrated electrophysiology telemetry modes - NRT®, AutoNRT® ESRT, ABR, CEP and intraoperative NRT.

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1. Compared to all currently available receiver stimulators available from Cochlear and other cochlear implant manufacturers. Based on published device specification information.
3. MRI compatibility may vary by country depending on regulatory approvals in each country. Please check the MRI guidance provided in your country by contacting your local Cochlear representative or clinic before proceeding with an MRI scan.

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