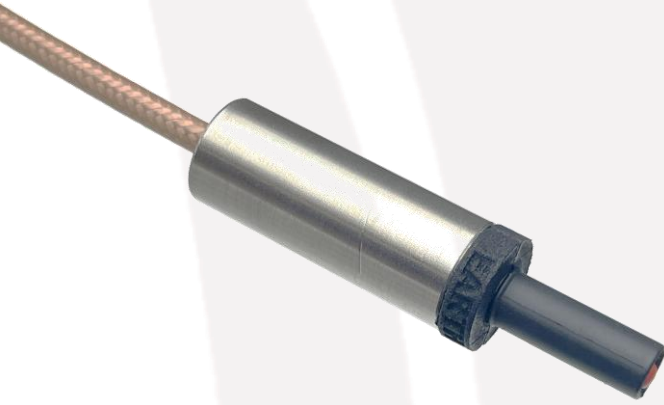


# Nexum HQ Earth cable

The Foundation of Fidelity



The Nexum HQ Earth Cable is the essential connection for the absolute reference in your audio system. In any high-end setup, the Earth is the "zero-point" against which all musical signals are measured. Standard earthing wires often act as antennas for RFI, but the Nexum G-series is engineered to drain noise away while minimizing the impact of environmental interference.

Experience the benefits of pure grounding: hear more micro-details, experience a deeper and more stable soundstage, and enjoy controlled dynamics. Upgrade today and experience your music with a silent, black background like never before.

## Why a Precise Earth Reference is Crucial

It is a common misconception that an Earth cable only needs to be "thick" to function well. While low resistance is important, two other factors are crucial for a truly silent background:

- **High-Frequency Conductivity:** It is essential that conductivity remains excellent up to several GHz to effectively drain modern digital noise.
- **Total Shielding:** Without advanced shielding and termination, an earth cable acts as an antenna for Electromagnetic Radiation (EMR).

The Nexum G-series addresses these challenges through a sophisticated architecture that remains effective up to 12 GHz.

## Essential features

### Silver-Plated Solid Core Conductor

Ensures the lowest possible impedance for both low and high-frequency noise currents.

### Impedance Matched Shielding (IMS)<sup>™</sup>

Our proprietary technology utilizes a directional shield, left open at the device side to prevent noise induction. The shield is terminated at the source side through a "Floating Absorption Island" to dissipate high-frequency energy without reflections.

### Dual-Layer Fluoropolymer Insulation

High-grade PTFE and a robust FEP jacket ensure maximum mechanical stability and minimal energy absorption.

### Haandrikman Design Philosophy

Rooted in extensive expertise in noise management and signal integrity. We select only the purest materials and construction methods to guarantee reliable, low-loss electrical transfer.

## Specifications

| Parameter          | Value  |
|--------------------|--|
| Conductor          | 0.7mm <sup>2</sup> solid core                        |
| Dielectric         | High-Grade PTFE (Teflon)                             |
| Primary Shielding  | Ultra High-Density Braid                             |
| Outer Jacket       | High-Durability FEP (Fluorinated Ethylene Propylene) |
| Shield Termination | IMS™ (Impedance Matched Shielding)                   |
| Drainage Direction | Source-Side Only (Directional IMS™)                  |
| Mechanical Damping | Optimized Anti-Microphonic Construction              |
| Standard Length    | 1.5 Meters (IMS Resonance Optimized)                 |
| Frequency Range    | Effective up to 12 GHz                               |

## Ordering Information

The Nexum HQ Earth is available in specific configurations meticulously tailored to their role within your system. To ensure the performance of the IMS™ (Impedance Matched Shielding) network, we maintain a standard optimized length of 1.5 meters.

- **For connecting the Sygnus:** This cable features a European mains plug as the source and a 4mm banana connector for a direct, high-conductivity connection to the Sygnus Central Earth (Nexum G-150SB).
- **For connecting your audio components:** For grounding your audio rack, turntable, or other components to the central earth point of the Sygnus, a cable is available with a 4 mm banana input and a spade output (Nexum G-150BY).

| Type          | Length  | Terminal #1 (source) | Terminal #2 (device) |
|---------------|---|----------------------|----------------------|
| Nexum G-150BY | 150cm   | 4 mm banana          | spade                |
| Nexum G-150SB | 150cm   | EU Power Plug        | 4 mm banana          |
| Nexum G-CUST  | Custom lengths/configurations available on request. |                      |                      |

