



Flagship Premier Audio Ethernet Cable "SILVER STREAM【NAX】" to Be Released

AIM Electronics Co., Ltd. (Head Office: Sagamihara, Japan / CEO: Eishi Nakayama) is proud to announce the release of its newest flagship premier model, the SILVER STREAM【NAX】, from the award-winning SHIELDIO series of audio Ethernet cables, developed based on decades of expertise in digital signal transmission technology. The product will be officially launched on August 1, 2025.

This product is a premium-grade Ethernet cable designed specifically for network audio use. Upholding the N-ZERO concept, which aims to maximize noise shielding in the acoustic space, the flagship premier model of the SHIELDIO series utilizes Pulshut® MU—an advanced material proven highly effective in the NA9 model. It not only suppresses external electromagnetic interference but also absorbs internally generated electromagnetic waves.

Refining the technology behind the SHIELDIO series, the【NAX】features "Hoplon"—a unique four-layer shielding structure that combines Pulshut® MU, aluminum foil, copper foil, and a high-density copper braided shield. These layers are enclosed in a newly developed inner sheath, enhancing shielding effectiveness across the entire frequency spectrum.



Product design or specification may change without prior notice.

■ Cross-section Diagram

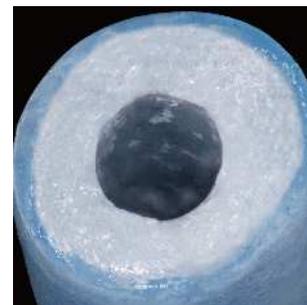
Adopts the "Hoplon" which is 4 layers of different materials shielding structure, using PULSHUT, aluminum shield, copper shield and high density copper braided shield.

PULSHUT®MU

Reduces unwanted Electromagnetic Interference by cutting noise emitted from device and conduction Electromagnetic Interference from the power source.



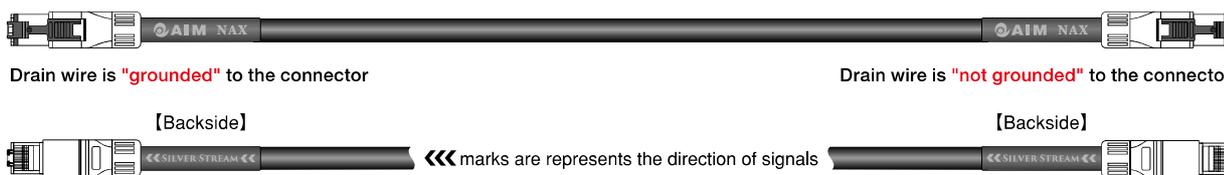
In addition, the cable uses an AWG22 class conductor—one of the largest in Ethernet cables—made from oxygen-free copper (OFC) with pure silver coating. For the insulator, we have implemented "Air 2", a foam insulator that achieves the highest level of transmission characteristics by lowering the relative dielectric constant and dielectric constant and dielectric tangent values to the limit, based on the concept of "getting as close as possible to the insulation of air".



The drain wires on the connectors on both ends have an asymmetrical structure, which ensures stable transmission characteristics that are less susceptible to the effects of the external environment and improves noise control performance.

ASYMMETRY Drain Wire : Asymmetric Structure

The asymmetric design utilizing drain wires at the end of the connectors are asymmetrically installed (grounded and not grounded), the cable has to be installed in correct direction, for the optimal performance.



Leading the way into a new era of music streaming and pushing beyond the pinnacle—experience next-generation audio with AIM's flagship audio LAN cable, the SILVER STREAM【NAX】.

●Release Date : 2025.8.1

●Model Number and Product Name

Model	Product Name
NAX-005	Audio ethernet Cable [SHIELDIO] NAX 0.5m
NAX-010	Audio ethernet Cable [SHIELDIO] NAX 1m
NAX-015	Audio ethernet Cable [SHIELDIO] NAX 1.5m
NAX-020	Audio ethernet Cable [SHIELDIO] NAX 2m
NAX-030	Audio ethernet Cable [SHIELDIO] NAX 3m

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