FURUTECH

PURE TRANSMISSION

NCF®

Project V1-S

Alpha OCC-DUCC / Silver-Coated α (Alpha) OCC+DUCC (7N Class) Conductors

Featuring NCF & Refined carbon fiber composite materials crafted through a specialized forging process.

Furutech's New Flagship Speaker Cable

Precision in Every Detail - Perfection in Every Note

Project V1-S

Introducing the Furutech Project V1-S, the pinnacle of high-end audio grade speaker cables, meticulously crafted to elevate your audio system's performance to unprecedented heights. Engineered with the same precision and unwavering commitment to exceptional sound quality as the Project V1 power cord, Project V1-L interconnect cable and the Project V1-T tonearm cable and the Project V1-D digital cable, this speaker cable promises an extraordinary level of detail, transparency, and sonic accuracy in your music reproduction.

At its core, the Project V1-S features Furutech's hybrid α(Alpha) silver-coated OCC inner conductor and α(Alpha) DUCC outer conductor, the same specialized copper used in the Project V1-L and Project V1. These conductors undergo a unique cryogenic and demagnetizing process, ensuring unparalleled conductivity and signal purity. The result is an immersive and lifelike audio performance that caters to dedicated audiophiles and professional sound engineers alike.

To further enhance audio quality and maintain pristine signal integrity, Furutech has incorporated their NCF (Nano Crystal2 Formula) technology into the construction of this interconnect cable. This advanced technology effectively eliminates any noise or interference, allowing you to experience unrivaled clarity, dynamics, and depth in your music.

Meticulously constructed using high-quality materials and engineering techniques, the Project V1-S features a multi-layered sheath consisting of high-grade insulation and a vibration-damping layer, akin to the tonearm cable. This construction prevents external interference, ensuring the highest quality audio transmission and minimizing signal degradation.

Furutech builds each and every cable in their line with optimized engineering solutions, advanced materials, and utterly meticulous build quality for the ultimate test. The Project V1-S series Speaker Cable achieves its remarkably quiet soundstage and transparent presentation with its hybrid α(Alpha) silver-coated OCC inner conductor, α(Alpha) DUCC outer conductor, three-layer shielding, one-layer sleeve, and double-layer filler. Additionally, a specially engineered cable damping ring improves grip and avoids potential distortion.

The Project V1-S series special connectors, including high-performance Spade & Banana connectors and Cable Damping rings, incorporate Furutech’s special antistatic and antiresonance NCF material combined with high-grade nylon insulation. Connector conductors are formed with nonmagnetic rhodium coated α(Alpha) pure copper secured in bodies insulated with NCF. The housings of these special connectors and Damping Rings are formed with 4-layer hybrid NCF carbon fiber, finished with a special hardened clear damping coating.

Elevate your audio system to new heights with the Furutech Project V1-S and unlock the true potential of your music. Experience an unparalleled level of realism, deep emotional engagement, and total immersion in the sonic experience.

Nano Crystal² Formula (NCF)

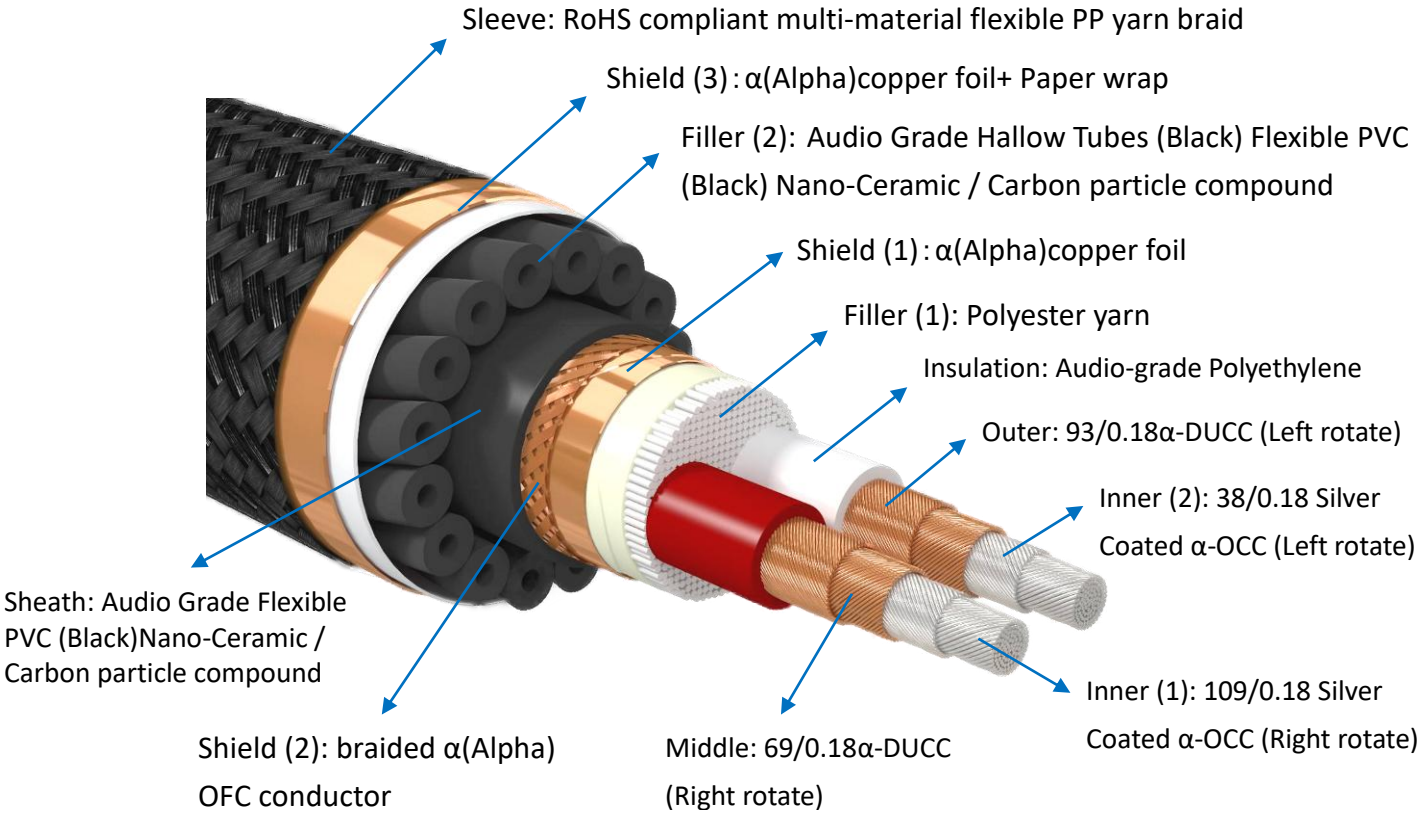
Incorporated into selected Furutech products, NCF features a special crystalline material that has two 'active' properties. First, it generates negative ions that eliminate static. Second, it converts thermal energy into far infrared. Furutech combines this remarkable material with nano-sized ceramic particles and carbon powder for their additional 'piezoelectric effect' damping properties. The resulting Nano Crystal² Formula is the ultimate electrical and mechanical damping material. Created by Furutech, it is found exclusively in Furutech products.

Project V1-S Cable Design

Specially designed Sleeve:

Designed to limit resonance and stress on the cable while remaining flexible, the special sleeve features high-grade soft damping polypropylene and cross weaved hard fiber. (0.02mm soft yarn / 0.25 tough yarn)

Cable construction



Conductor strand direction image

Inner (1): 109/0.18 Silver Coated α-OCC (Right rotate)

Inner (2): 38/0.18 Silver Coated α-OCC (Left rotate)

Middle: 69/0.18α-DUCC (Right rotate)

Outer: 93/0.18α-DUCC (Left rotate)

Project V1-S Cable Specifications:

- Conductor: Silver-Coated α(Alpha)-OCC +α-DUCC (7N Class)
- Size: 9AWG Approx./ 6.1 Sq.mm (6.1mm²)
- Inner (1) - 109/0.18 Silver Coated α-OCC (Right rotate)
- Inner (2) - 38/0.18 Silver Coated α-OCC (Left rotate)
- Middle - 69/0.18α-DUCC (Right rotate)
- Outer - 93/0.18α-DUCC (Left rotate)
- Overall Diameter (mm): 26.0 Approx.

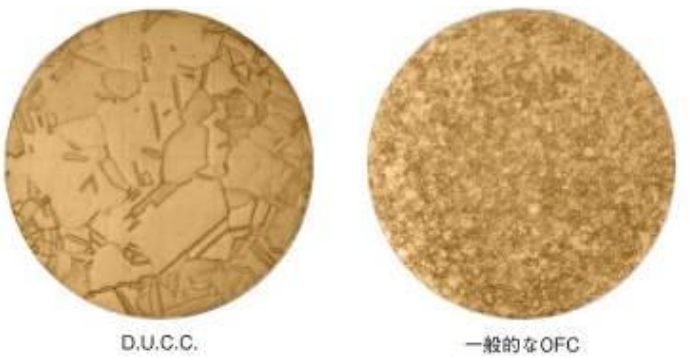
D.U.C.C. (Dia Ultra Crystallized Copper)

The α (Alpha) OCC – DUCC is meticulously crafted using a blend of DUCC Ultra Crystallized High Purity Copper and Furutech's renowned Pure Transmission α (Alpha)-OCC. Furutech sources the DUCC Ultra Crystallized High Purity Copper from Mitsubishi Materials Industries, ensuring strict quality control and a regulated supply for optimal signal transmission.

This exceptional conductor material, DUCC Ultra Crystallized High Purity Copper, is recognized as one of the finest by Furutech engineers. Mitsubishi employs cutting-edge technology to process this extremely pure, oxygen-free copper, aligning the crystals with precision and minimizing crystal-grain boundaries. The result is an extraordinarily efficient conductor that significantly enhances signal transmission.

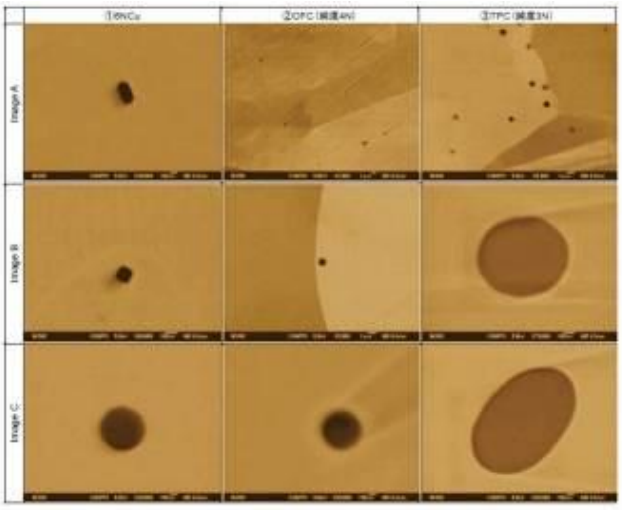
Furutech combines DUCC with their world-famous Pure Transmission α-OCC, creating an optimized dual conductor configuration. This configuration undergoes Furutech's Alpha Super Cryogenic and Demagnetizing process, further elevating purity and conductivity to an advanced level. The meticulous treatment of this dual conductor setup ensures a substantial enhancement in performance and signal integrity.

D.U.C.C. is a registered trademark of Mitsubishi Cable Industries Ltd.



D.U.C.C. と一般的なOFCの金属組織の比較

Comparison of microstructures of D.U.C.C and typical oxygen free copper conductors



純銅中に観測された不純物の COMPO 像

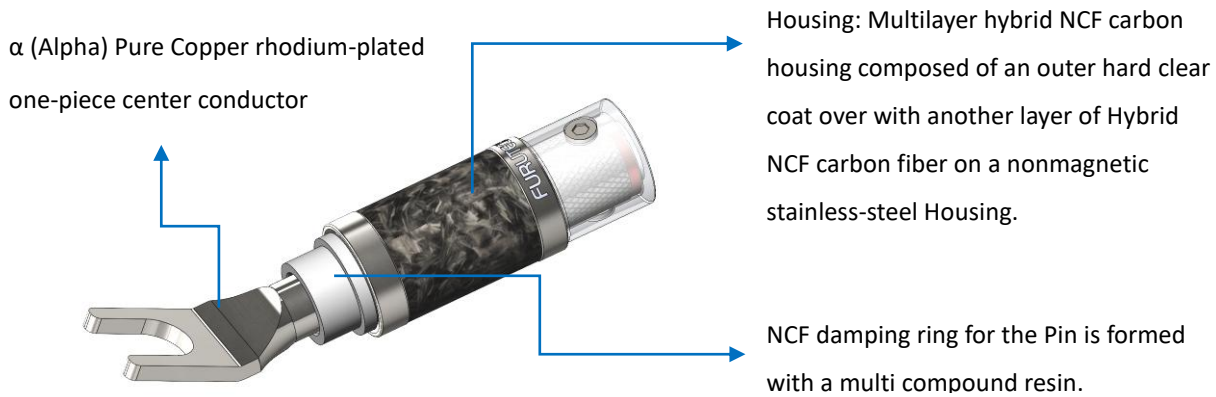
Compo image of impurities observed in high purity coppers

Project V1-S version series connectors shown below

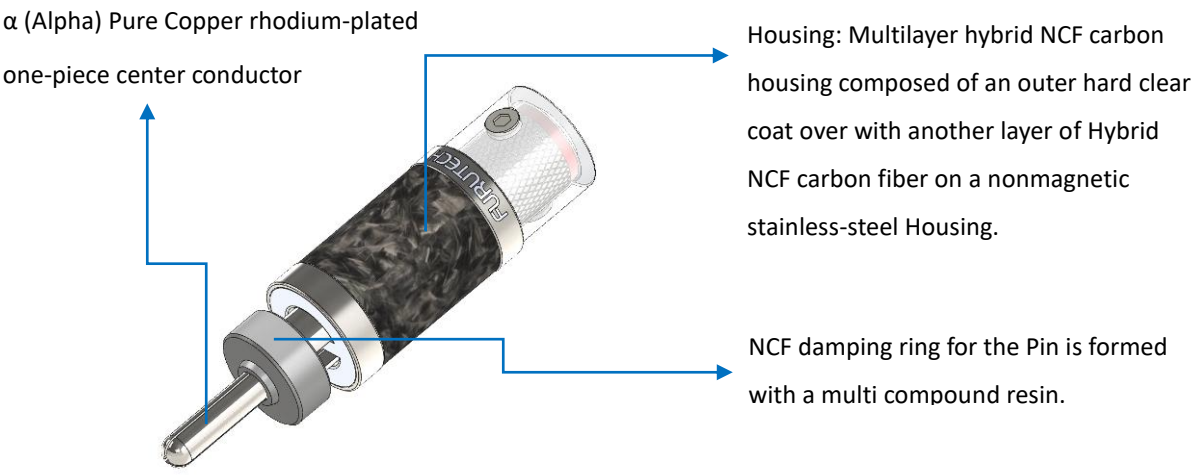
High-performance rhodium-plated nonmagnetic pure copper spade & Banana connector:

Furutech proudly introduces the CF-201 NCF Plus(R)-P Spade Connector and the CF-202 NCF Plus(R)-P Banana Connector, the ultimate high-performance solutions for audio enthusiasts. These are Furutech's first Spade and Banana connectors to feature Nano Crystal² Formula (NCF), a groundbreaking material developed through over 30 years of innovation aimed at eliminating electrical and mechanical resonance in high-performance audio and video applications. With NCF technology, these connectors deliver a remarkable reduction in noise, enhanced imaging and focus, and superior sound staging. The CF-201 NCF Plus(R)-P and CF-202 NCF Plus(R)-P are designed to elevate your listening experience to extraordinary new heights.

Beautifully engineered and designed high-performance rhodium-plated nonmagnetic pure copper spade CF-201 NCF Plus(R)-P

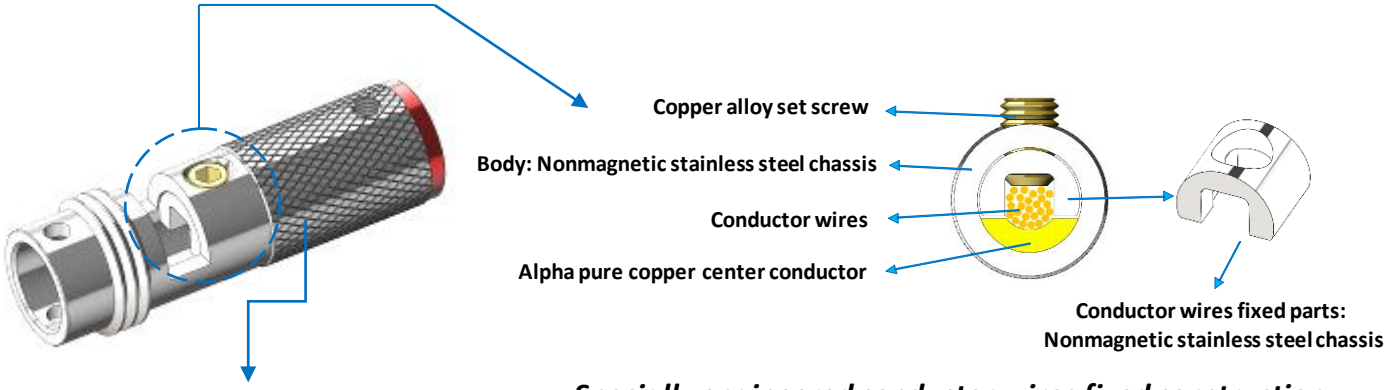


Nonmagnetic rhodium-plated special end designed banana connector CF-202 NCF Plus(R)-P



α (Alpha) Nonmagnetic Stainless-Steel One-Piece Construction Body and Nonmagnetic Wire Fixing Clamp

The Project V1-S features a one-piece, nonmagnetic stainless-steel body, precision-engineered with a base formed from stainless steel powder and a blend of specialized vibration-damping metal powders. The wire fixing clamp, crafted using advanced powder metallurgy molding, provides a secure, vibration-resistant hold that enhances signal stability and durability for superior audio performance.



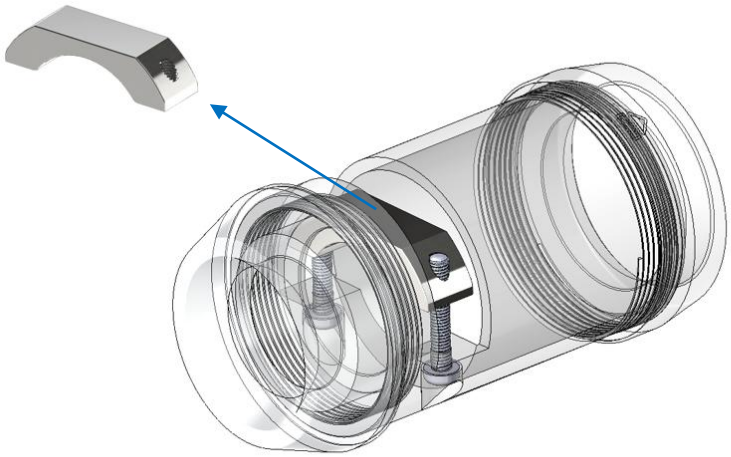
Specially engineered conductor wires fixed construction

Cable Damping Cylinder

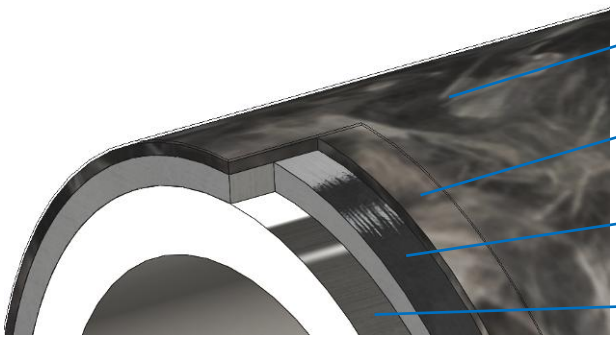
Specially engineered with a hybrid material of silver-plated carbon fiber, the Cable Damping Cylinder provides advanced vibration control, reducing unwanted resonance and enhancing overall sound clarity and stability.

Stainless steel cable fixing clamp improves grip and reduces mechanically and electrically induced distortion. (formed with stainless steel powder and vibration resistant metal powder)

Housing: Multilayer hybrid NCF carbon housing composed of an outer hard clear coat over with another layer of Hybrid NCF disarray texture carbon fiber on a special grade aluminum alloy Housing.



Project V1-S version Multilayer Housing Design



Outer layer - Special hardened clear coating

Hybrid NCF & carbon fiber-disarray texture composite

Hybrid NCF Unidirectional carbon fiber

Nonmagnetic stainless-steel base

※***Special feature:***

Carefully engineered cable damping ring improves grip and reduces mechanical and electrically induced distortion.

Marking direction for Speaker

Specifications:

- Multi-material Hybrid conductor with special 4 tier concentric design.
- Specially designed Sleeve.
- Sound enhancing, resonance damping, double sleeve, 3 shield design.
- Insulation : Audio-grade Polypropylene.
- RoHS complaint Nano-ceramic and carbon powder damping material.
- cable outer diameter: 26mm approx.
- Length : 2.5 M approx.

***The red ring of Project V1-S version series connectors is for source side.

Product name	Product Introduction	Jan Code
Project V1-S	Top-of-the-line Speaker Cable (2.5 M)	4580370445121

All metal parts are treated with *FURUTECHα(Alpha) Process (Super Cryogenic & Demagnetize Treatment.)

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FURUTECH CO., LTD.