

# FURUTECH

## Bulk Cable

<p><b>FA-13S</b> (50m/R)</p> <p><b>3,000.-/M</b></p>	<p>Interconnect Balanced Cable</p> <ul style="list-style-type: none"> <li>* Conductor: <math>\alpha</math> (Alpha) Conductor(<math>\mu</math>-OFC:1/1.3mm)</li> <li>* Insulation: Poly Propylene (Red , White)</li> <li>* Twisting: 2 Cores Twisted Together with Cotton Yarn</li> <li>* Barrier Layer: Paper Tape (Wrap)</li> <li>* Shield: 0.12mm <math>\alpha</math> (Alpha) Conductor wire Braid</li> <li>* Sheath: Flexible PVC (Dark Green)</li> <li>* Max. Conductor Resistance: 0.0116<math>\Omega</math>/M</li> <li>* Overall Diameter: 8.0mm (16 AWG)</li> </ul>	
<p><b>NEW</b></p> <p><b>FA-<math>\alpha</math>S21</b> (50m/R)</p> <p><b>3,450.-/M</b></p>	<p><b>High End Performance <math>\alpha</math> (Alpha) OCC Audio Cable</b></p> <p>Conductor Material: <math>\alpha</math>(Alpha) OCC Construction (pcs/mm): 30pcs / <math>\varphi</math>0.18 mm Insulation Material: Audio grade PP (Red, White) Diameter: 2.46mm Twisting Method : 2 Cores Twisted Together Filler Material: Audio grade damping cotton Barrier Layer Material: Stabilizer Paper Tape (Wrap) Shield Material: <math>\varphi</math>0.12mm <math>\alpha</math> (Alpha) Conductor wire braid Sheath Material: Audio grade Flexible PVC (Dark Green) Nom. Thickness: 1.0mm Overall Diameter Approx.: 8.0mm</p>	
<p><b>NEW</b></p> <p><b>FA-<math>\alpha</math>S22</b> (50m/R)</p> <p><b>4,300.-/M</b></p>	<p>High End Performance Audio Cable</p> <p>Conductor Material: <math>\alpha</math>(Alpha) OCC Construction (pcs/mm): 60pcs / <math>\varphi</math>0.18 mm Insulation Material: Audio grade PP (Red, White) Diameter: 2.6mm Twisting Method : 2 Cores Twisted Together Filler Material: Audio grade damping cotton Barrier Layer Material: Stabilizer Paper Tape (Wrap) Shield Material: <math>\varphi</math>0.12mm <math>\alpha</math> (Alpha) Conductor wire braid Inner Sheath Material: Audio grade flexible PVC (Black) Incorporating damping carbon particles Diameter: 7.0mm Sheath Material: Audio grade Flexible PVC (Purple blue) Nom. Thickness: 1.0mm Overall Diameter Approx.: 9.0mm</p>	
<p><b>SA-22</b> (50m/R)</p> <p><b>1,750.-/M</b></p>	<p>Interconnect Balanced Cable</p> <p>Conductor : <math>\mu</math> -OFC Conductor(80 pcs/0.18mm) * Insulation : Special Polyethylene (Red/ White) * Twisting : 2 Cores with Cotton fillers twisted Together * Shield: AL/PET tape wrap+0.12mm <math>\mu</math> -OFC Conductor wire Braid * Barrier Layer : Paper Tape Wrap * Jacket: Ultra Flexible Pb free PVC (Dark Brown) * Cable Type: Hyper Balanced * Max. Conductor Resistance : 0.00924 <math>\Omega</math>/ M * Overall Diameter : 9.0 mm (14 AWG)</p>	


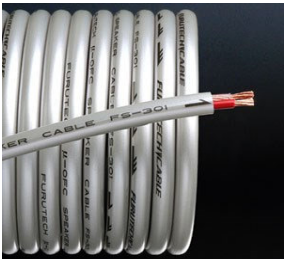
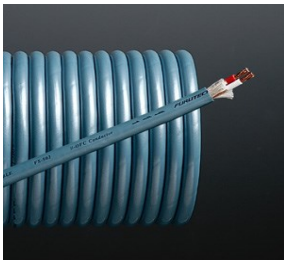


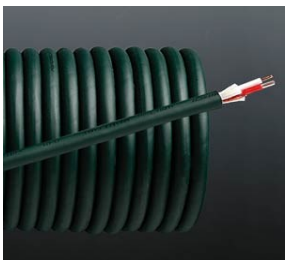
# FURUTECH

## Bulk Cable

<p><b>Fx-α-Ag</b> (50m/R)</p> <p><b>3,850.-/M</b></p>	<p>Interconnect Coaxial Cable (Pure Silver Conductor + Teflon)</p> <ul style="list-style-type: none"> <li>* Construction: α (Alpha)-Pure Silver Conductor(7pcs/0.18mm)</li> <li>* Insulation-1 : Teflon</li> <li>* Insulation-2 : Polyethylene foam</li> <li>* Shield: PET/Al Tape + 0.10mm α (Alpha)Conductor wire Braid</li> <li>* Sheath: Flexible PVC ( Green)</li> <li>* Characteristic Impedance :75 ± 3 Ω</li> <li>* Overall Diameter: 8.0mm (25AWG)</li> </ul>	
<p>เลิกผลิต</p> <p><b>μ-X-Ag</b> (50m/R)</p> <p><b>2,300.-/M</b></p>	<p>Interconnect Coaxial Cable</p> <ul style="list-style-type: none"> <li>* Conductor: α-Conductor (37pcs×0.16mm)</li> <li>* Material : Silver Plated μ-OFC</li> <li>* Insulation : Teflon + Air Foamed P.E.</li> <li>* Shield : α-Conductor 0.10mm Braid</li> <li>* Sheath : Flexible PVC</li> <li>* Max Conductor Resistance : 0.022 Ω/M</li> <li>* Overall Diameter :8.0mm (19 AWG)</li> </ul>	
<p><b>FC-62</b> (Coaxial Type) (100M/ Reel )</p> <p><b>430.-/m</b></p>	<p><b>FC-62 Coaxial Digital &amp; Visual Cable (100m/Reel)</b> <b>20 AWG α-Conductor(0.6 sq.mm)</b></p> <p><b>FEATURES</b></p> <p>※α-Conductor : The fine μ-OFC conductor wire strands and treated by α(Alpha) process.</p> <p><b>SPECIFICATIONS</b></p> <ul style="list-style-type: none"> <li>• Conductor:α-Conductor (19×0.2mm) Material : μ-OFC</li> <li>• Insulation : Air Foamed Polyethylene</li> <li>• Shield :α-Conductor wire 0.12mm Braid</li> <li>• Sheath : Flexible PVC</li> <li>• Max Conductor Resistance : 0.0327 Ω/M</li> <li>• Overall Diameter :6.3mm (20 AWG)</li> </ul>	
<p>เลิกผลิต</p> <p><b>SA-509-100</b> (Coaxial Type) (100M/ Reel )</p> <p><b>450.-/m</b></p>	<p><b>Interconnect Cable</b></p> <p>Conductor: α-Conductor (35×0.18mm) Material: μ-OFC Insulation: Air Foamed P.E. Shield :α-Conductor 0.12mm Sheath : Flexible PVC (Pearl Light Blue) Overall Diameter : 7.0mm (18 AWG)</p>	

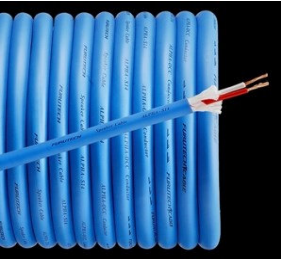
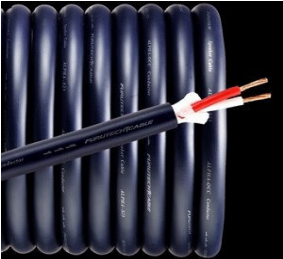
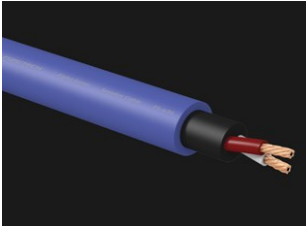


# FURUTECH

## Bulk Cable

<b>FS-303</b> <b>(100m/R)</b>  <b>400.-/M</b>	Speaker Cable * Conductor:α(Alpha)Conductor(μ-OFC:7/28/0.10mm) * Insulation:Flexible PVC (White pearl) * Max. Conductor Resistance : 0.023Ω/M * Outside Size:Diameter 4.0 × 8.0 mm *α(Alpha)-Conductor---The fine μ-OFC Conductor are treated by α(Alpha) Process (Super Cryogenic & Demagnetize Treatment)	
<b>FS-301</b> <b>(100m/R)</b>  <b>700.-M</b>	Speaker Cable * Conductor:α(Alpha) Conductor(μ-OFC : 7/34/0.10mm) * Insulation:PE (Red、 White) * Sheath:Flexible PVC ( Pearl White) * Diameter:7.5 mm ( 14 AWG ) / (1.87 sq.mm) * Max. Conductor Resistanc : 0.0135Ω/M *α(Alpha)-Conductor---The fine μ-OFC Conductor are treated by α(Alpha) Process (Super Cryogenic & Demagnetize Treatment .) 14 AWG α(Alpha) Conductor(1.87 sq.mm),Material:μ-OFC	
<b>FS-502</b> <b>(50m/R)</b>  <b>1,550.-/M</b>	Speaker Cable * Conductor : α-Conductor (7X36X 0.1mm) * Material : μ-OFC * Insulation : Polyethylene * Filler:Cotton Yarn * Shield : PET/Al Tape+α-Conductor wire 7X0.2mm Braid * Sheath : Flexible PVC * Max Conductor Resistance : 0.0125Ω/M * Overall Diameter :8.0 mm (14 AWG)	
<b>μ-2T</b> <b>(50m/R)</b>  <b>1,950.-/M</b>	Speaker Cable * Construction: α (Alpha) Conductor * Insulation: Polyethylene (White、 Red) * Sheath: Flexible PVC (Dark Green) * Max. Conductor Resistance: 5.4 Ω/km * Overall Diameter: 13.5 mm (13 AWG)	
<b>μ-4.1T</b> <b>(50m/R)</b>  <b>2,150.-/M</b>	Speaker Cable * Conductor-1:α(Alpha)Conductor,μ-OFC (21/0.15mm+6/46/0.10mm(rope-lay stranding)) * Insulation:Poly Propylene(for Treble, Blue、 Black) * Conductor-2:α(Alpha)Conductor,μ-OFC (7/5/0.3mm(concentric stranding)) * Insulation:Poly Propylene (for Bass, Red、 White) * Sheath:Flexible PVC (Dark Green) * Overall Diameter:11.0 mm	
<b>FS-15S</b> <b>(50m/R)</b>  <b>3,850.-/M</b>	Speaker Cable * Construction: α (Alpha)μ-OFC Conductor(μ-OFC:1pcs X1.5 mm)* Insulation-1: Teflon (Natural) * Insulation-2: PE (Red、 White)* Filler: Cotton * Shield: PET / Al Tape + Alpha conductor wire (Tape Wrap + 7X0.20 braid) * Sheath: Flexible PVC ( Green) * Max. Conductor Resistance: 10 Ω/km * Overall Diameter: 8.2 mm (15 AWG)	

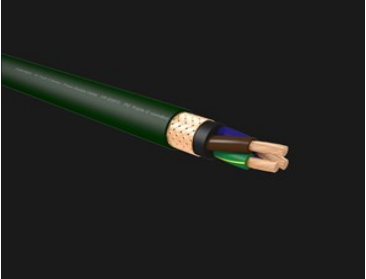
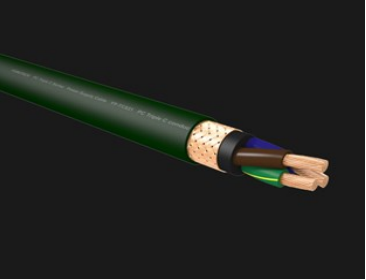
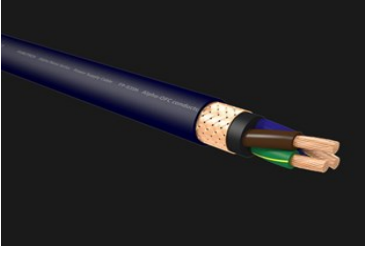
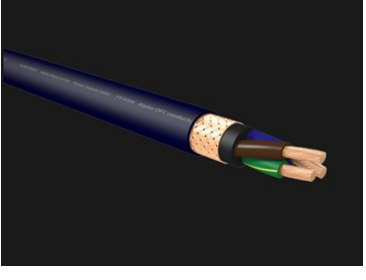
# FURUTECH

## Bulk Cable

<p><b>Alpha-S14</b> (50m/R)</p> <p><b>2,800.-/M</b></p>	<p>Speaker Cable</p> <ul style="list-style-type: none"> <li>* Conductor : <math>\alpha</math> (Alpha)-OCC Conductor(56 pcs/0.18mm)</li> <li>* Insulation : Special Polyethylene (Red/ White)</li> <li>* Twisting : 2 Cores with Cotton fillers twisted Together</li> <li>* Barrier Layer : Paper Tape Wrap</li> <li>* Jacket: Ultra Flexible Pb free PVC (Light Blue)</li> <li>* Max. Conductor Resistance : 0.0135 <math>\Omega</math>/ M</li> <li>* Overall Diameter : 8.9 mm ( 15 AWG)</li> </ul>	
<p><b>Alpha-S25</b> (40m/R)</p> <p><b>8,850.-/M</b></p>	<p>Speaker Cable</p> <ul style="list-style-type: none"> <li>* Conductor : <math>\alpha</math> (Alpha)-OCC Conductor (7X18 pcs/0.16mm)</li> <li>* Insulation : Special Polyethylene (Red/ White)</li> <li>* Twisting : 2 Cores with Cotton fillers twisted Together</li> <li>* Barrier Layer : Paper Tape Wrap</li> <li>* Jacket: Ultra Flexible Pb free PVC (Dark Blue)</li> <li>* Max. Conductor Resistance : 0.0078 <math>\Omega</math>/ M</li> <li>* Overall Diameter : 14.5 mm ( 13 AWG)</li> </ul>	
<p><b>NEW</b></p> <p><b>FS-<math>\alpha</math>36</b> (50m/R)</p> <p><b>7,800.-/M</b></p>	<p><b>OCC Speaker Cable</b></p> <p>Conductor Material: <math>\alpha</math>(Alpha) OCC Construction (pcs/mm): 20pcs / <math>\phi</math>0.18 mm X 6+<math>\phi</math>0.9mm Incorporating damping carbon particles in center filler core Insulation Material: Audio grade PE (Red,White) Nom. Thickness: 1.25mm Diameter: 5.1mm Twisting Method: 2 Cores Twisted Together Inner Sheath Material: Audio grade flexible PVC (Black) Incorporating damping carbon particles Sheath Material: Audio grade Flexible PVC (Purple Blue) Nom. Thickness: 1.0 mm Overall Diameter Approx.: 13.0mm</p>	
<p><b>FP-314Ag</b> (50m/R)</p> <p><b>2,750.-/M</b></p>	<p>Power Cable</p> <ul style="list-style-type: none"> <li>• 37 strands of silver-plated <math>\alpha</math> Alpha <math>\mu</math>-OFC Conductor • 0.25mm diameter x 2 Cores</li> <li>• 37 strands of 0.25mm diameter <math>\alpha</math> Alpha <math>\mu</math>-OFC Conductor x 1 Core</li> <li>• Insulation: Polyethylene (Red/White/Green) 3.4mm diameter</li> <li>• Inner Sheath: RoHS Compliant Vibration suppression PVC (Black) 9.3mm diameter</li> <li>• Shield: 9 x 24 strands of 0.12mm braided <math>\alpha</math> Alpha conductor</li> <li>• Sheath: RoHS Compliant Flexible PVC (Brown) approx. 12.9mm diameter</li> </ul>	
<p><b>FP-3TS762</b> (40m/R)</p> <p><b>6,700.-/M</b></p>	<p>Power Cable</p> <ul style="list-style-type: none"> <li>* Conductor : <math>\alpha</math>(Alpha)-<math>\mu</math>-OFC Conductor (7X35/0.16mm)</li> <li>* Insulation:PE(Red, Natural, Yellow) Dia.:5.2mm</li> <li>* Twisting:3 Cores Twisted Together</li> <li>* Inner Sheath:Flexible PVC (Black)</li> <li>* Shield:0.12mm <math>\alpha</math>(Alpha) conductor wire Braid</li> <li>* Sheath:Flexible PVC (dark Green)</li> <li>* Overall Diameter: 15.5 mm</li> </ul>	

## FURUTECH



## Bulk Cable

<p><b>FP-TCS31</b> (20m/R) <b>9,800.-/M.</b></p>	<p><b>FP-TCS31 PC-TripleC Power Cable</b></p> <ul style="list-style-type: none"> <li>- Alpha PC Triple C conductor: diameter 2.2mm (12 AWG)</li> <li>- Insulation: Special grade Flexible PVC (Brown, Light Blue, Green/Yellow) diameter 5.0mm</li> <li>- Inner Sheath: Special grade Flexible PVC (Black) diameter 12.0mm</li> <li>- Shield: 0.12mm OFC Wire Braid</li> <li>- Outer Sheath: Flexible PVC (Dark Green) diameter 16.0mm</li> </ul> <p>「Characteristics」</p> <ol style="list-style-type: none"> <li>1. Purity &gt; 99.996%</li> <li>2. Conductivity (EC) 101.5 IACS%</li> <li>3. Tensile strength (TS) <math>\cong</math> 250 MPa</li> <li>4. Elasticity (E) 35% Wire (1.3mm<math>\Phi</math>)</li> </ol>	
<p><b>FP-TCS21</b> (30m/R) <b>5,700.-/M.</b></p>	<p><b>FP-TCS21</b> <b><math>\alpha</math> (Alpha) PC-Triple C Power Bulk Cable</b></p> <ul style="list-style-type: none"> <li>- Alpha PC Triple C conductor: diameter 1.9mm (14 AWG)</li> <li>- Insulation: Special grade Flexible PVC (Brown, Light Blue, Green/Yellow) diameter 3.5mm</li> <li>- Inner Sheath: Special grade Flexible PVC (Black) diameter 9.2mm</li> <li>- Shield: 0.12mm OFC Wire Braid</li> <li>- Outer Sheath: Flexible PVC (Dark Green) diameter 12.8mm</li> </ul> <p>「Characteristics」</p> <ol style="list-style-type: none"> <li>1. Purity &gt; 99.996%</li> <li>2. Conductivity (EC) 101.5 IACS%</li> <li>3. Tensile strength (TS) <math>\cong</math> 250 MPa</li> <li>4. Elasticity (E) 35% Wire (1.3mm<math>\Phi</math>)</li> </ol>	
<p><b>FP-S032N</b> (20m/R) <b>7,200.-/M</b></p>	<p><b>Alpha Nano-OFC Power Cable FP-S032N</b></p> <ul style="list-style-type: none"> <li>- Alpha Nano-OFC conductor: diameter 2.2mm (12 AWG)</li> <li>- Insulation: Special grade Flexible PVC (Brown, Light Blue, Green/Yellow) diameter 5.0mm</li> <li>- Inner Sheath: Special grade Flexible PVC (Black) diameter 12.0mm</li> <li>- Shield: 0.12mm OFC Wire Braid</li> <li>- Outer Sheath: Flexible PVC (Dark Blue) diameter 16.0mm</li> </ul>	
<p><b>FP-S022N</b> (20m/R) <b>4,100.-/M</b></p>	<p><b>Alpha Nano-OFC Power Cable FP-S022N</b></p> <ul style="list-style-type: none"> <li>• <math>\alpha</math> (Alpha) Nano -OFC Conductor • 1.93mm diameter (14AWG)</li> <li>• Insulation: Special grade Flexible PVC (Red/White/Green), 3.5mm diameter</li> <li>• Inner Sheath: Flexible PVC approx. 9.3mm diameter</li> <li>• Shield: 0.12mm braided <math>\alpha</math> (Alpha) Conductor wires</li> <li>• Sheath: RoHS Compliant Flexible PVC</li> <li>• Jacket: RoHS Compliant braided Nylon yarn braids, approx. 12.9mm 14AWG (2.0 SQmm)</li> </ul>	



# FURUTECH

## Bulk Cable

<p><b>Furutech CB-10</b></p> <p><b>3,400.-/M</b></p>	<p><b>Furutech CB-10</b> : High-end performance in-wall OCC power cable</p> <p><b>Features:</b>          The Furutech CB-10 OCC power cable is suitable for high-end in-wall power installations (e.g. to upgrade your in-wall power cable runs from the DB-box to the AC outlets feeding your hifi or home theater system).          We have conducted numerous listening tests and have found that this is the most important power upgrade for a high-end system. You will need 3 runs of CB-10 (L, N , E) for a complete (single- or dual) power outlet solution.          Furutech's <math>\alpha</math> (Alpha) OCC is one of a select few of conductors that Furutech engineers have found to excel in sound reproduction. <math>\alpha</math>(Alpha) OCC is made with high-purity oxygen-free mono-crystal copper using a special casting process.          Unlike regular OFC, almost all of the impurities of this high-purity OCC have been removed at the micron level through a special casting process.</p> <p><b>Specifications</b></p> <ul style="list-style-type: none"> <li>• Conductors treated with Furutech's Two Step Cryogenic and Demagnetizing Alpha Process</li> <li>• Conductor Material: <math>\alpha</math> (Alpha) OCC</li> <li>• Conductor Construction: 7 bundles of 35 strands; 0.18mm dia</li> <li>• Conductor Size: 6.23 sqmm / &gt; 10AWG</li> <li>• Insulation: Audio Grade XLPE (Yellow); 3.4mm diameter</li> <li>• Shield: None</li> <li>• Outer diameter: 5.5mm approx.</li> </ul>	
<p><b>FP-Alpha-3 (40m/R)</b></p> <p><b>10,500.-/M</b></p>	<p><b>FP-Alpha-3</b>          High End Performance Alpha-OCC Power Cable</p> <p><b>FEATURES</b>          One of the most talked about DIY high end power cables in the world.. Available in your country now. Contact your local Furutech distributor for more information.          Conductor: <math>\alpha</math> (Alpha)-OCC Conductor (49 / 0.32mm (2.5mm)) (<math>\approx</math>11 AWG) / (3.94 sq.mm)          Insulation: PE (Red, Natural, Yellow)          Red=Live Yellow=Neutral Clear=Earth          Twisting: 3 Cores Twisted Together          Sheath: Flexible PVC (Green)          Max. Conductor Resistance: 0.0052<math>\Omega</math>/ M          Overall Diameter: 15mm</p> <p><b>SPECIFICATIONS</b>          Item Specification Test Method          Max. Conductor Resistance <math>\Omega</math>/km 5.2 JISC3005 6 20°C          Min. Insulation Resistance M<math>\Omega</math>·km 2500 JISC3005 9.1 20°C          Dielectric Strength V/1 min AC 3000 JISC3005 8</p>	

# FURUTECH

## Bulk Cable

### DPS-4.1

#### Ultimate High End Audio Grade Power Cable

##### SPECIFICATIONS

Conductor: Alpha-OCC +  $\alpha$ -DUCC (7N Class) - Wire size: 11AWG / 4.02 Sq.mm

Construction ( pcs / mm:

Inner - 79/0.18 -OCC (Right rotate)

Middle - 37/0.18 -DUCC (Left rotate)

Outer - 42/0.18 -DUCC (Right rotate)

Inner insulation: Audio Grade FEP (Fluoropolymer)

Outer insulation: Audio Grade P.E.( Blue, Brown, Green/Yellow)

Inner sheath: Audio Grade Flexible PVC (Black) incorporating Nano-Ceramic and Carbon particle compound damping material

Shield: Cu-Foil + Braided OFC + Paper

Outer sheath: Audio Grade Flexible PVC (Purple)

Outer diameter: 17.0mm Approx.

Nano-Ceramic / Carbon particle compound

24,000/m  
40m/R

##### FEATURES

Furutech's  $\alpha$  (Alpha) OCC-DUCC is one of a select few of conductors that Furutech engineers have found to excel in sound reproduction.  $\alpha$  (Alpha) OCC -DUCC is constructed using a combination of DUCC Ultra Crystallized High Purity Copper and Furutech's world famous Pure Transmission  $\alpha$  (Alpha)-OCC.

Furutech DUCC Ultra Crystallized High Purity Copper -- supplied and regulated with strict quality control by Mitsubishi Materials Industries -- is one of the best conductors Furutech engineers have found for signal transmission. (MMI is the leading manufacturer of the highest-purity oxygen-free copper in the world)

Mitsubishi process this extremely pure oxygen-free copper with new technology that optimally aligns the crystals while reducing the number of crystal-grain boundaries resulting in a tremendously efficient conductor.

Straight OCC's benefits are its larger "fibrous" crystals in which one dimension is longer than the other two so as to create as few crystal junctions as possible. Thus, OCC's sensitivity to directionality; one path exhibits the least resistance. Furutech's world famous Pure Transmission  $\alpha$ -OCC is the result of further processing with the Alpha Super Cryogenic and Demagnetizing treatment.

However, DUCC purity goes a significant step further. Mitsubishi Materials designed the new conductor to optimally align the copper crystal grain structure in addition to reducing crystal grain boundaries. As a result, DUCC is less sensitive to directionality than OCC.

### DSS-4.1

#### Furutech's Top-Tier Bulk Speaker Cable

##### Specification

Conductor

Material Alpha-OCC + -DUCC (7N Class)

Construction ( pcs / mm )

Center - 1/0.8 PE core

Inner - 89/0.18 -OCC (Right rotate)

Middle - 39/0.18 -OCC (Left rotate)

Outer - 62/0.13 -DUCC (Right rotate)

Diameter ( mm ) 2.58 Approx.

Size 11AWG / 4.08 Sq.mm

##### Electrical Properties

Max.Conductor Resistance / km 4.5 JISC3005 6 20°C

Insulation Resistance M · km >2500 JISC3005 9.1 20°C

Capacitance PF/M51.69 Approx.at 1 KHz

Inductance uH/M0.7 Approx.at 1 KHz

Dielectric Strength V/1 min. AC 3000 JISC3005 8

##### Fillers Polyester fibers Filler

Barrier Layer-1 Non-Woven Fabric wrap

##### Inner Sheath Material

Audio Grade Flexible PVC (Black)

Nano-Ceramic / Carbon particle compound

Diameter ( mm ) 15.0

##### Shield Material

Cu-Foil + Braided OFC

Barrier Layer-2 Paper wrap

Outer Sheath Material Audio Grade Flexible PVC (Dark purple)Nom. Thickness ( mm ) 1.2

Outer Sleeve Material Nylon yarn stranded braid(Black/Silver) Overall Diameter ( mm ) 19.0 Approx.

##### Insulation

Inner Material Audio Grade FEP (Fluoropolymer)

Outer Material Audio Grade P.E.(Brown for "+", Blue for " - " ) Diameter ( mm ) 5. 5

Twisting Method 2 Cores Twisted Together

21,500/m  
30m/R

##### FEATURES

Furutech's  $\alpha$  (Alpha) OCC-DUCC is one of a select few of conductors that Furutech engineers have found to excel in sound reproduction.  $\alpha$  (Alpha) OCC -DUCC is constructed using a combination of DUCC Ultra Crystallized High Purity Copper and Furutech's world famous Pure Transmission  $\alpha$  (Alpha)-OCC.

Furutech DUCC Ultra Crystallized High Purity Copper -- supplied and regulated with strict quality control by Mitsubishi Materials Industries -- is one of the best conductors Furutech engineers have found for signal transmission. (MMI is the leading manufacturer of the highest-purity oxygen-free copper in the world)

Mitsubishi process this extremely pure oxygen-free copper with new technology that optimally aligns the crystals while reducing the number of crystal-grain boundaries resulting in a tremendously efficient conductor.

Straight OCC's benefits are its larger "fibrous" crystals in which one dimension is longer than the other two so as to create as few crystal junctions as possible. Thus, OCC's sensitivity to directionality; one path exhibits the least resistance. Furutech's world famous Pure Transmission  $\alpha$ -OCC is the result of further processing with the Alpha Super Cryogenic and Demagnetizing treatment.

However, DUCC purity goes a significant step further. Mitsubishi Materials designed the new conductor to optimally align the copper crystal grain structure in addition to reducing crystal grain boundaries. As a result, DUCC is less sensitive to directionality than OCC.

FURUTECH

Bulk Cable



19,200/m  
30m/R

DAS-4.1  
Top-of-the-line bulk balanced cable

**Specification**  
Conductor  
Material Alpha-OCC + -DUCC (7N Class)  
Construction ( pcs / mm )  
Inner – 59/0.13 -OCC (Right rotate)  
Middle – 29/0.13 -OCC (Left rotate)  
Outer – 36/0.13 -DUCC (Right rotate)  
Diameter ( mm ) 1.67 Approx.  
Size 15AWG / 1.65 Sq. mm

**Shield Material**  
Cu-Foil + Braided OFC (24x6 / 0.13 α- OCC) +Paper wrap

**Inner Sheath Material**  
Audio Grade Flexible PVC (Black) Nano-Ceramic / Carbon particle compound Diameter ( mm ) 7.80

**Outer SheathMaterial**  
Audio Grade Flexible PVC (Dark purple) Nom. Thickness ( mm ) 0.7 Diameter ( mm ) 9.2 Approx.

**Outer Sleeve Material**  
Nylon yarn stranded braid(Black/Silver)

**Overall Diameter ( mm ) 10.0 Approx.**

**Insulation**  
Inner Material Audio Grade PP (Polypropylene, Red for"+", White for " - ")Mom. Thickness ( mm ) 0.7 Approx Diameter ( mm ) 2.6 Approx. .  
Twisting Method 2 Cores Twisted Together

FEATURES

Furutech's α (Alpha) OCC-DUCC is one of a select few of conductors that Furutech engineers have found to excel in sound reproduction. α (Alpha) OCC –DUCC is constructed using a combination of DUCC Ultra Crystallized High Purity Copper and Furutech's world famous Pure Transmission α (Alpha)-OCC.

Furutech DUCC Ultra Crystallized High Purity Copper -- supplied and regulated with strict quality control by Mitsubishi Materials Industries -- is one of the best conductors Furutech engineers have found for signal transmission. (MMI is the leading manufacturer of the highest-purity oxygen-free copper in the world)

Mitsubishi process this extremely pure oxygen-free copper with new technology that optimally aligns the crystals while reducing the number of crystal-grain boundaries resulting in a tremendously efficient conductor.

Straight OCC's benefits are its larger "fibrous" crystals in which one dimension is longer than the other two so as to create as few crystal junctions as possible. Thus, OCC's sensitivity to directionality; one path exhibits the least resistance. Furutech's world famous Pure Transmission α-OCC is the result of further processing with the Alpha Super Cryogenic and Demagnetizing treatment.

However, DUCC purity goes a significant step further. Mitsubishi Materials designed the new conductor to optimally align the copper crystal grain structure in addition to reducing crystal grain boundaries. As a result, DUCC is less sensitive to directionality than OCC.

Cable construction image

