



## INTERCONNECT CABLES REFERENCE SERIES V2



Delta, Alpha and Sigma Reference Series v2 interconnects take their award-winning performance to the next level with the addition of Shunyata Research's most heralded signal technologies. Each model has been updated using patented science that delivers performance that must be experienced to appreciate. Delta, Alpha and Sigma Reference Series v2 interconnects showcase the innovation that has made Shunyata Research the most sought after brand in its category.

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**SHUNYATA RESEARCH**

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ALPHA v2 XLR



TAP Polarizer



ALPHA v2 RCA / ALPHA v2 Phono



DELTA v2 RCA / DELTA v2 Phono



TAP Polarizer



DELTA v2 XLR



## Notably enhanced performance. Superior sound.



The insulation that protects wire can create a ghost-like signal that subtly blurs the source audio signal. The scientific term for this is: *dielectric absorption and re-radiation*. **ETRON®** is a technology developed by Shunyata Research that prevents this type of signal cable micro-distortion. It requires a special type of conductor that has two signal paths. An electric-field compensation circuit creates a contra-signal that prevents the insulation from developing a charge. ETRON® cables preserve the integrity of the source signal even when very long cable runs are required.

— Multiple international patents

US 8,912,436 // WO WO2012045033A1 // EP 262261B1 // CN103201800B // CH ZL201180047344.2



The **Transverse Axial Polarizer** is a device that interacts with the electromagnetic field generated by the signal traveling along the signal cable. TAP affects the behavior of the electromagnetic wave that surrounds the signal cable. In effect, the TAP blocks longitudinal-oriented waves while allowing transverse-oriented waves. The effect in sonic terms is like using polarized sunglasses to reduce reflected sunlight. Correcting polarization micro-distortion reduces what some call *sonic glare*.

— Patent Pending



ArNi™



VTX™



Ohno

**ArNi®** wire is the trade name for Shunyata Research's many custom designed conductors. ArNi® wire is used by top electronics and speaker manufacturers because of its refinement and performance. ArNi® begins with the highest purity raw copper and silver metals, including Ohno (single crystal), CCC silver and OFE C10100 conductors. Fluorocarbon dielectrics, another key feature, can be found in aerospace applications due to extremely low dielectric absorption and superb heat resistance. ArNi® wires are pre-treated with KPIP to extract the best performance possible.

Shunyata Research's exclusive **VTX™** conductors are made in the shape of virtual tubes. The core of the conductor is completely hollow, minimizing skin effects and random eddy currents. They are produced using OFE Alloy-101.

**Ohno** wire, also called PCOCC was invented in 1986 by professor Atsumi Ohno of the Chiba Institute of Technology in Japan. Copper wire is created by an extrusion process that pulls a rod of cold copper through a small orifice which creates multiple crystalline boundaries. In contrast, Ohno wire is created through a process using heated molds that cast wire to form a single crystalline structure. Ohno wire is well known for its exceptionally pure, grain-free sonic qualities.

— *Single-crystal purity*



## SIGMA IC

<b>XLR Cable</b>	ETRON® twin-axial
<b>RCA/Phono Cable</b>	ETRON® coaxial
<b>Conductors</b>	ArNi®/VTX/OFE/Ohno
<b>Dielectric</b>	Fluorocarbon
<b>XLR Connectors</b>	SR-XLR-y
<b>RCA/Phono Connectors</b>	SR-RCA-y
<b>TAP Module</b>	Dual
<b>KPIP™ Processing</b>	4-days
<b>Standard Length</b>	1.00 meters



## ALPHA IC

<b>XLR Cable</b>	ETRON® twin-axial
<b>RCA/Phono Cable</b>	ETRON® coaxial
<b>Conductors</b>	ArNi®/VTX/OFE/Ohno
<b>Dielectric</b>	Fluorocarbon
<b>XLR Connectors</b>	SR-XLR-y
<b>RCA/Phono Connectors</b>	SR-RCA-y
<b>TAP Module</b>	One
<b>KPIP™ Processing</b>	4-days
<b>Standard Length</b>	1.00 meters



## DELTA IC

<b>XLR Cable</b>	ETRON® twin-axial
<b>RCA/Phono Cable</b>	ETRON® coaxial
<b>Conductors</b>	ArNi®/VTX/OFE/Ohno
<b>Dielectric</b>	Fluorocarbon
<b>XLR Connectors</b>	SR-XLR-v
<b>RCA/Phono Connectors</b>	SR-RCA-v
<b>TAP Module</b>	N/A
<b>KPIP™ Processing</b>	4-days
<b>Standard Length</b>	1.00 meters

### Safety Assurance: All models

Continuity and polarity tests — by two technicians

HiPOT tests insulation breakdown @ 1,200 VAC

## LIMITED LIFETIME WARRANTY

The unparalleled craftsmanship and build quality of Shunyata Research products is backed by a limited lifetime warranty.

This demonstrates our commitment to building the finest products on the planet and providing exceptional customer support.

— VALID ONLY IN THE US AND CANADA —

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## SHUNYATA RESEARCH

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