GAMMA SERIES

SIGNAL CABLES, DIGITAL CABLES AND POWER CORDS

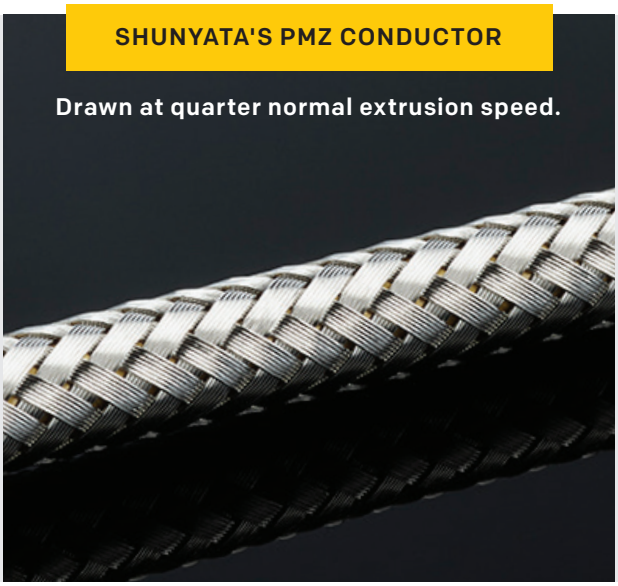
Occasionally, products come along that represent a paradigm shift within a given category. Using 25 years worth of Shunyata Research's documented science, experience and innovation, Gamma Series cables are poised to upend price and performance axioms within the cable industry. Shunyata Research has made critical advancements in conductor science and applied them to Gamma Series cables, elevating performance far beyond expectation. Perhaps more than any other product in Shunyata Research's history, Gamma Series cables demand to be heard even when compared to cables two to three times the cost.

SHUNYATA RESEARCH

shunyata.com

DRIVEN BY SCIENCE: GAMMA TECH HIGHLIGHTS

Gamma signal and digital cables are made with the finest conductors available. Single-crystal, continuous cast Ohno copper is an ultra-pure conductor normally found in far more expensive cables. Ohno conductors are extruded using Shunyata Research's exclusive PMZ (Precision Matched Impedance) process. This extrusion method tightens the tolerances of the conductor surfaces, dielectric extrusions, and the precision of the braided shield. All are held to minute tolerances. The extrusion and braiding machines must be run at one-quarter speed during the manufacturing process. Finally, all Gamma cables are conditioned for 4-days using our advanced Kinetic Phase Inversion Process™ (KPIP v2™).



Ohno

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. By contrast, Ohno wire is made by a process using heated molds that cast a wire to form a single crystalline structure. Ohno wire is well known for its exceptionally pure, grain-free sonic qualities.

KPIP v2™

After years of research into the underlying causes of burn-in, wire directionality and the effects of cryogenic treatment, Caelin Gabriel discovered that there was a core principle which remained only partially addressed. Once understood, it became possible to create a processor that reduces the need for long burn-in periods and eliminates the necessity for cryogenic treatment. As exceptional as the original KPIP™ treatment was, years of ongoing development have resulted in a significant advance in how thoroughly KPIP™ conditions conductors that undergo this extensive, 4-day process. When compared to the original process, **KPIP v2™** represents a dramatic performance upgrade on par with a component-level upgrade.

PMZ

Theta and Gamma Series cables feature an extrusion method that tightens the tolerances of the conductor surface, dielectric, and the precision placement of the braided shield. All are held to minute variances compared to normal extrusion methods. To achieve these tight tolerances, the extrusion and braiding machines must be run at one-quarter speed during the manufacturing process. Previously, **PMZ** was used exclusively in Shunyata Research's Product-of-the-Year-Award-winning digital cables. For the first time, PMZ has been applied with similar, dramatic effect to Shunyata Research's most affordable signal cables!

PURITY IN TONE.
DYNAMIC BY NATURE.

If choosing a single word to encapsulate the sound of a Gamma Series cable system, it would be *coherence*. Every aspect of Gamma cable system performance simply flows with the ease and clarity of a single voice. Textural and tonal nuance is balanced perfectly against Gamma's explosive, dynamic nature. Gamma cable systems never sound forward, bright, aggressive or edgy. However, what truly separates Gamma cables from all others, regardless of cost, is their self-effacing alacrity, timing accuracy, dynamic punch and frequency extension. Most pure-copper cables, even expensive models, may sound warm, rich, and full bodied at the expense of accurate timing, dynamics and frequency extension. Gamma cables sound very natural, but are surprisingly agile, athletic and entirely unforced with regard to expressing frequency extension, timing, weight and authority in the low octaves. Gamma cables do all of this without calling attention to themselves, allowing the purity of the sound to take center stage.

GAMMA

THEY SIMPLY LET THE MUSIC FLOW.

GAMMA RCA


GAMMA ETHERNET


GAMMA AES/EBU


GAMMA NR

Model	Conductors	Noise Reduction	Dielectric	Gauge	AC Connector	IEC Connector	Length
GAMMA NR	OFE Copper	NR v2	Fluorocarbon	10	Solid Brass	Gold-Plated Pure Copper Contacts	1.75M
					Audiophile-Grade Connectors		
GAMMA XC	OFE Copper	-	Fluorocarbon	10	Solid Brass	Gold-Plated Pure Copper Contacts	1.75M
					Audiophile-Grade Connectors		

Safety Assurance: All models

Continuity and polarity tests — by two technicians

HiPOT tests insulation breakdown @ 1,200 VAC

Model	Conductors	Shield	Dielectric	Gauge	Connectors	Impedance	Length	Tech
GAMMA SP	OFE Copper	-	Fluorocarbon	10	Gold-Plated Pure Copper, Banana or Combo Spades	-	2.50M	VTX™
						STIS v3 optional		
GAMMA XLR	Twin Axial, OCC Copper (tinned)	100% Coverage Foil	Fluorocarbon	18	Gold-Plated Brass Contacts, Nickel Matte Finish	-	1.00M	-
GAMMA RCA	Coaxial OCC Copper	SPC Braided	Fluorocarbon	18	Gold-Plated Brass Contacts, Nickel Mirror Finish	-	1.00M	PMZ
GAMMA PHONO	Coaxial OCC Copper	SPC Braided	Fluorocarbon	18	Gold-Plated Brass Contacts, Nickel Mirror Finish	-	1.00M	PMZ
						Ground Cable 10 gauge OFE		
GAMMA S/PDIF	Coaxial OCC Copper	SPC Braided	Fluorocarbon	18	Gold-Plated Brass Contacts, Nickel Mirror Finish	75 ohms	1.00M	PMZ
GAMMA AES/EBU	Twin Axial, OCC Copper (tinned)	100% Coverage Foil	Fluorocarbon	18	Gold-Plated Brass Contacts, Nickel Matte Finish	110 ohms	1.00M	-
GAMMA CLOCK-75	Coaxial OCC Copper	SPC Braided	Fluorocarbon	18	BNC High-Quality Metal Gold-Plated Brass Contacts	75 ohms	1.00M	PMZ
GAMMA ETHERNET	SR-6a (proprietary)	100% Coverage	PTFE	22	SR1-RJ45, Metal	100 (+/- 15) ohms	1.50M	-
GAMMA USB	OFC copper	Braided	PVC	24	SR-USB, Gold-Plated	90 ohms	1.50M	PMZ
GAMMA CGC/SGC	OFE copper	-	Fluorocarbon	10	-	-	1.00M	VTX™

TERMINOLOGY

SPC Silver Plated Copper
PVC Polyvinyl Chloride
OCC Ohno Continuous Cast Copper
OFC Oxygen Free Copper

OFE Oxygen Free Electrolytic
PMZ Precision Matched Z
PTFE Polytetrafluoroethylene (Teflon®)
VTX™ OFE copper with hollow inner core

KPIP v2™ Kinetic Phase Inversion Process

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 —

SHUNYATA RESEARCH

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2024.03