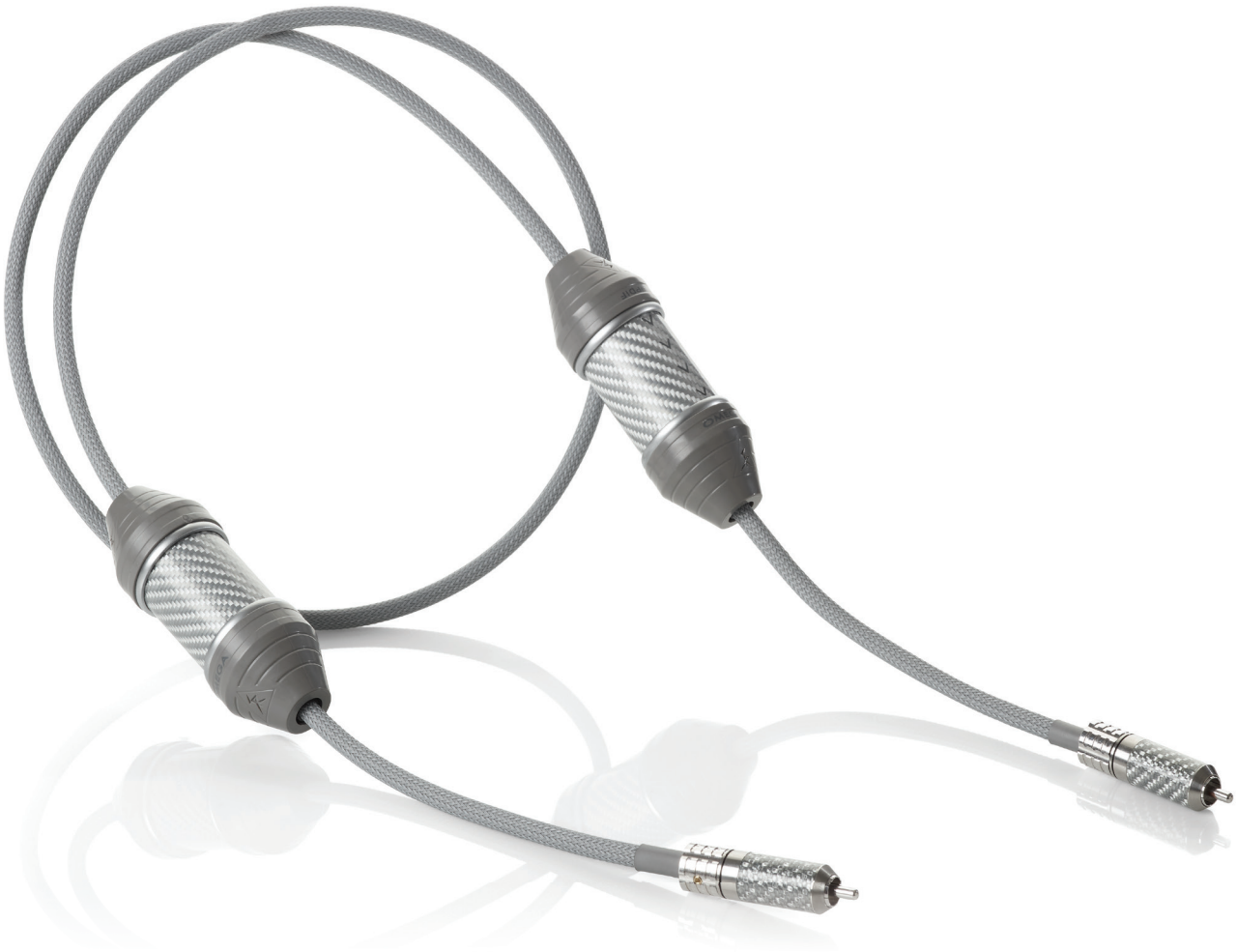
OMEGA DIGITAL CABLES

S/PDIF CLOCK-50 CLOCK-75



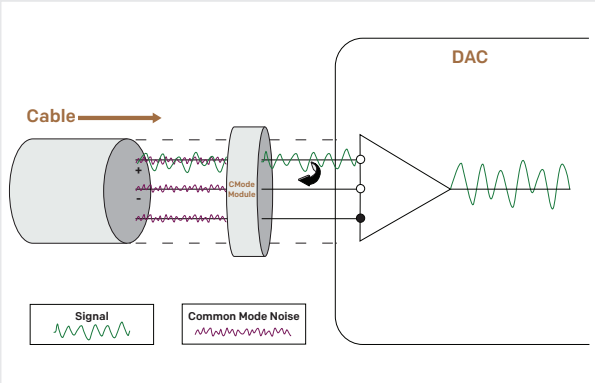
The Omega S/PDIF and Clock cables elevate the performance of digital systems to a degree that competes with the world's finest analog and master tape sources. Shunyata Research's innovative and proprietary technologies reduce common-mode noise and cable-induced jitter with its associated time smear that ultimately limits the performance of digital playback. The Omega S/PDIF and Clock cables don't just improve digital playback, they literally redefine digital audio as a reference medium.

OMEGA S/PDIF Connectors

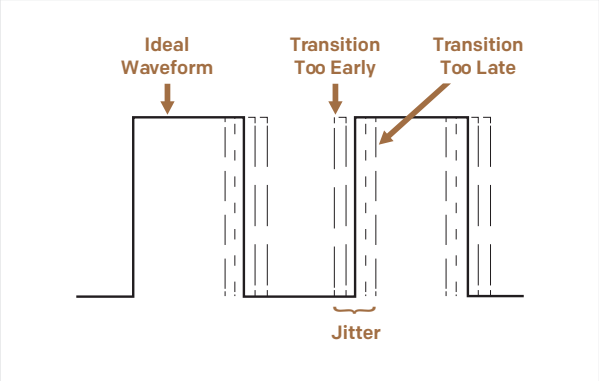
OMEGA Clock-50 Connectors

OMEGA Clock-75 Connectors

CMode Signal Diagram

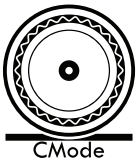


PMZ Diagram



The industry leader in patented technologies and measurably superior performance.

Shunyata Research digital cables are produced using a **Precision Matched Impedance** cable geometry — PMZ. This means that tolerances of the conductor surface, dielectric extrusion, and the precision of the braided shield are held to minute variances. To achieve tight tolerances, extrusion and braiding machines must be run at one-quarter speed during the manufacturing process. Better performance is achieved through a reduction of cable-induced signal jitter. *— Definition: Z = impedance*



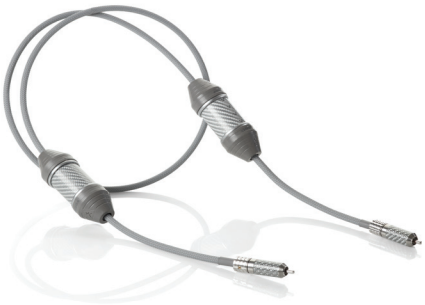
Common-node noise is different than differential noise and is much more difficult to measure and eliminate. For the purest signal possible, Shunyata Research has developed a **CMode filter** that effectively reduces common-mode noise without introducing the sonic compression effects associated with conventional filters. It reduces high-frequency noise distortion while delivering an analog ease and palpable background silence that closes the gap between digital and analog systems.

— Reduces common-mode noise

Kinetic Phase Inversion Processing™ was developed by Caelin Gabriel after years of research into the underlying causes of various effects such as burn-in, wire directionality and the effects of cryogenic treatment. He discovered that there was an underlying core principle that burn-in and cryogenics only partially addressed. Once the governing principle was understood it became possible to create a processor that reduces the need for long burn-in periods and eliminates the need for cryogenic treatment.

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 copper and silver metals, including Ohno (single crystal), CCC silver and OFE C10100 conductors. Fluorocarbon dielectrics, often used in aerospace applications, exhibit extremely low dielectric absorption and superb heat resistance. ArNi® wires are pre-treated with KPIP™ in order to extract the best performance possible.

PMZ Connectors — Pulse timing is critical to digital transmission accuracy. A digital connector's impedance must precisely match the cables' characteristic impedance. Connectors that are mismatched will create signal reflections that increase digital jitter or phase noise. A 50-ohm cable requires a 50-ohm termination — not the commonly used 75-ohm connector. Shunyata Research is careful to ensure that every cable and connector are precisely matched for a seamless component-to-component connection.



OMEGA S/PDIF

Cable Type:	PMZ coaxial
Conductors	ArNi®/Silver
Dielectric	Fluorocarbon
S/PDIF Impedance	75 ohms
S/PDIF Connectors	SR-RCAb-75
CMode/TAP Modules	Two
KPIP™ Processing	4-days
Standard Length	1.00 meters

OMEGA CLOCK-75

Cable Type:	PMZ coaxial
Conductors	ArNi®/Silver
Dielectric	Fluorocarbon
Clock-75 Impedance	75 ohms
Clock-75 Connectors	BNC-75
CMode/TAP Modules	Two
KPIP™ Processing	4-days
Standard Length	1.00 meters

OMEGA CLOCK-50

Cable Type:	PMZ coaxial
Conductors	ArNi®/Silver
Dielectric	Fluorocarbon
Clock-50 Impedance	50 ohms
Clock-50 Connectors	BNC-50
CMode/TAP Modules	Two
KPIP™ Processing	4-days
Standard Length	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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