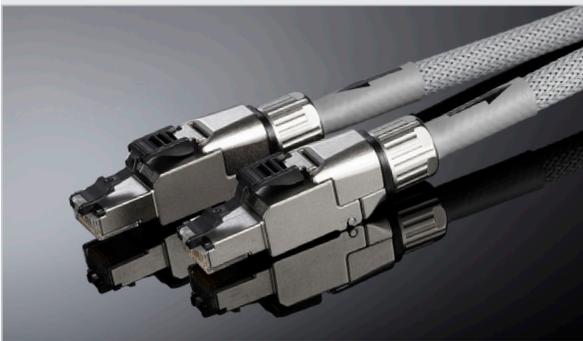


ETHERNET CABLE OMEGA

The Omega ethernet cable redefines the term *state-of-the-art* for performance in its category by combining Shunyata Research's most consequential digital innovations into a single design. Similar to Shunyata Research's Product of the Year award-winning USB cable designs, the Omega ethernet reveals low-level detail and dynamic contrasts in sound that simply do not exist from any competitive design. The immersive, three dimensional listening experience provided by Omega Ethernet cable represents an enormous upgrade to any music collection.





PRECISION MATCHED IMPEDANCE TECHNOLOGY

The most fundamental of three critical ethernet cable technologies is termed Precision Matched Impedance (PMZ). Designer Caelin Gabriel's research into high-speed signal transmission found that the precision with which digital cable conductors are constructed has a profound impact on performance. Loose manufacturing variances lead to signal distortions that are clearly audible in a system designed for high fidelity. To achieve the benefits of PMZ, Shunyata Research produces the ethernet conductors using extrusion and shielding processes designed to reduce phase distortion caused by characteristic impedance irregularities. This process reduces the micro-distortions associated with common ethernet cables. While this manufacturing process is slow and costly, it delivers superior timing, clarity and dynamics in sound when used in a media entertainment system.

KINETIC PHASE INVERSION PROCESS™

The second technology is the now-famous **Kinetic Phase Inversion Process (KPIP™)**. KPIP™ is a proprietary Shunyata Research treatment process that effectively eliminates break-in and improves the performance of signal, digital, and power cabling. These improvements are significant when applied to high-speed signal conductors because they are more prone to signal degradation and micro-distortions compared to slower-speed analog signal cables.

OMEGA HYBRID MODULE

TAP (TRANS-AXIAL POLARIZER) WITH CMODE (COMMON MODE FILTERING TECHNOLOGY)
For the purest signal possible, Shunyata Research has combined it's patent pending TAP technology and CMode filter into a single hybrid module. The TAP polarizer reduces polarization distortion while the CMode filter simultaneously reduces high-frequency noise distortion, delivering an analog ease and palpable background silence that will close the gap between digital and analog front-end performance.

Taken together, these technologies elevate the performance of the Shunyata Research Omega ethernet cable beyond anything currently available. Listen and compare for yourself and discover newfound resolution from your ethernet-based entertainment system.

Omega Ethernet

CAT6A/22 AWG OFE

PTFE Dielectric

PMZ Conductors

Telegartner Modular Connectors

KPIP™ Processed

Hybrid TAP/CMode Module x2

SHUNYATA RESEARCH

shunyata.com