

M U S I C I N H A R M O N Y W I T H S C I E N C E

Digital and video interconnect cables call for parameters that are unique when compared to analog audio cables. In digital and video applications, the solutions are geared towards an emphasis in wide frequency bandwidth, low dielectric loss, low parallel capacitance and low series inductance. Due to the higher frequencies involved in digital audio and video transfer such specifications are of critical importance.

Digital signals contain a wide range of encoded information which include timing signals. These high frequency timing signals must be precisely communicated between components to ensure that information is properly decoded before conversion back to analog. Our digital cables are manufactured to strict standards, reducing variations that could induce signal degrading reflections.

The requirements surrounding the transfer of video signals are as similarly demanding as those of digital. If the parameters are not carefully engineered, the creation of color shifts or imbalances, losses in brightness or contrast and loss of sharpness (detail), are common. Our digital/video cables have been optimized for both existing and emerging High Definition TV standards, and are available in component and RGB+HV configurations. We also produce cables incorporating HDMI™ and DVI™ technology for those components designed to handle these digital multimedia interfaces.



SOME OF THE UNIQUE FEATURES OF OUR DIGITAL/VIDEO CABLES ARE LISTED BELOW  
ALONG WITH BRIEF DESCRIPTIONS OF THE DIFFERENT FORMATS AVAILABLE.

#### **Coaxial Cable**

75 ohm RG59 and RG6 coax cables are designed with an inner "hot" conductor and an outer shield, separated by an insulating dielectric. Through the use of high quality conductors and dielectrics we have optimized our coaxially configured designs to offer superior digital audio and high definition video performance.

#### **Dielectric**

The insulation (dielectric) that surrounds the conductor and provides the proper spacing has a dramatic effect upon performance. The foamed PE and Teflon® dielectrics have been chosen to optimize performance for each of the various KIMBER KABLE models.

#### **Ultraplate™ Connectors**

The proven KIMBER KABLE Ultraplate™ connectors are precision machined and feature a solid Teflon® dielectric. All of this along with the split center pin and ground sleeve ensures solid signal connections resulting in a wonderfully detailed and accurate audio and video presentation.

#### **BNC and "F" Type Connectors**

These custom made connectors feature gold plated contacts (except on D60), three piece body design and Teflon® dielectric. BNC connectors are a locking type, often used on high quality projectors. "F" type connectors are a threaded "screw on" type connector commonly used on RF antenna cables.

#### **S-Video Cables**

S-Video is one of the high quality methods of transmitting video by providing separate Chrominance (color) and Luminance (brightness) signals from a source to a TV or display device. By minimizing the encoding and decoding of the signal and eliminating the need for comb filtering S-Video provides greater clarity and sharpness of the picture. Our S-Video series consists of our SV-Cu and SV-Ag cables.

#### **Component Video Cables**

A method of transferring video using three cables that carry Luminance (Y) and color difference (Cr, Cb or Pr, Pb) signals. Used for DVD player connections and high definition applications. The best method for obtaining the finest image quality between video equipment that is so equipped. Available in our V21, DV30, DV75, and D60 model cables.

#### **RGB + HV**

The most common method for connecting high performance video projectors. A five wire cable bundle that carries the RGB (red, green, blue) and horizontal and vertical sync signals. Available in our V21, DV30, DV75, and D60 model cables.

#### **DVI™ and HDMI™ Type Cables**

Digital Visual Interface (DVI™) cables and High-Definition Multimedia Interface (HDMI™) cables were designed to transmit digital video and audio signals. Digital source and display devices benefit greatly when the signal is kept in the digital domain. The resulting increase in picture realism, especially with HDTV is easy to see and appreciate. Our digital multi-media interface cables are the HD19, HDV, and DV24.

#### **USB™ Type Cables**

The Universal Serial Bus (USB™) is arguably the most successful interconnect in the computer industry. The USB™ interface was designed to ease the difficulties in connecting peripherals to a PC. Because of the undeniable reliability and ease of use, the USB™ standard has crept into the audio/video industry. The dependable transfer of data is crucial to proper component operation. Our USB™ type cables are the B BUS™ and the Mini BUS™.

# S-Video

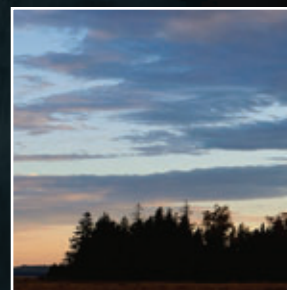
VIDEO INTERCONNECT



*SV-Cu*

Hyper-pure  
conducting materials ■

MST geometry ■



## SUPERLATIVE COLOR AND IMAGE RESOLUTION.

KIMBER KABLE's high-performance S-Video cable utilizes MST geometry with two balanced, electrically isolated signals to improve upon traditional coaxially based S-Video cables. Our S-Video series takes full advantage of the Y/C higher resolution format, and offers a surprising improvement in the picture quality received from your VCR, DVD or DBS satellite. Video images are rendered with greater sharpness and clarity, yet become visibly smoother and more relaxing. S-Video is available in two models: SV-Cu containing Hyper-pure copper wire and SV-Ag offering the refined performance of the finest quality silver.

"The image is clean and solid with a pristine rendering of details."



*SV-Ag*

### Connector

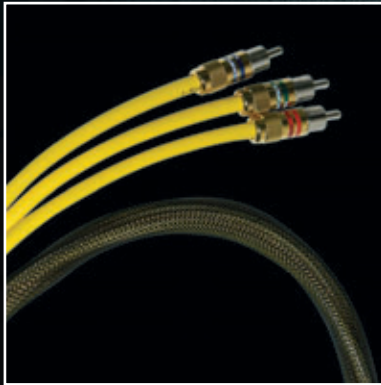




## OPTIMIZED VIDEO PERFORMANCE.

This 75 ohm RG59 coax cable has performance vastly superior to “common grade” 75 ohm cables. The center conductor is pure solid-core copper and insulated with a foamed PE dielectric. This cable is perfect for multi-room wiring. Termination options include high quality “F,” BNC and RCA type connectors. Composite, Component, and RGB+HV formats are available. The V-21 is also available unterminated in bulk rolls of 100, 250, and 500 feet. (UL) CL-2 approved.

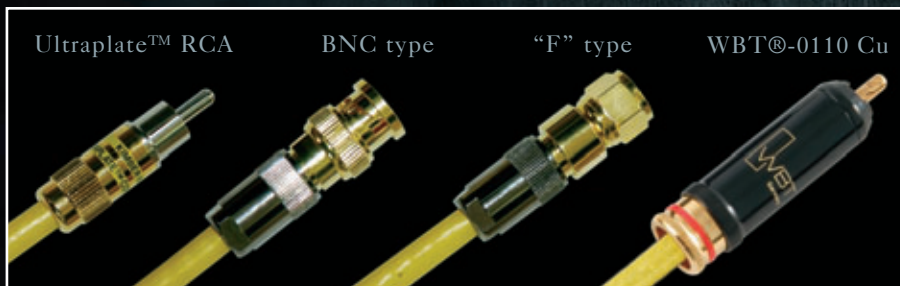
“The grain and roughness of typical coax cables is gone, while the colors remain richly intact and vivid.”



### ***V-21 RGB Component Video Cable***

Also available as RGB+HV five cable bundle.

### Connector Options

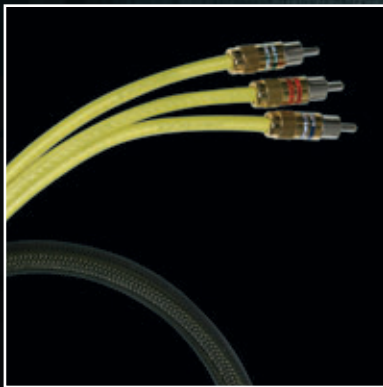




## HIGH PERFORMANCE DIGITAL/VIDEO CABLE.

A high performance 75 ohm RG6 type cable, the DV-30 is both an excellent digital cable for audio applications and a high quality video cable for composite and HDTV formats. The center conductor is pure solid-core copper and is insulated with an air-articulated Teflon® dielectric. Termination options include “F,” BNC and RCA type connectors. Composite, Component, and RGB+HV formats are available. DV-30 is sold in 1/2 meter increments, and is only available factory terminated.

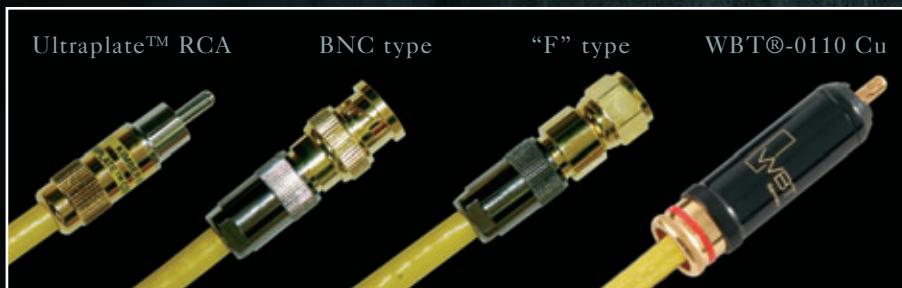
“The picture has amazing color saturation and solid images. The (digital) sound has incredible speed with absolutely explosive dynamics, yet is un-fatiguing.”



### *DV-30 RGB Component Video Cable*

Also available as RGB+HV five  
cable bundle.

#### Connector Options



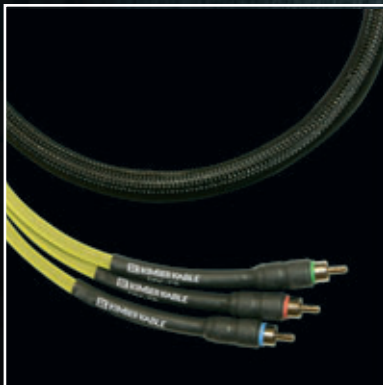




## HIGHER PERFORMANCE FOR CRITICAL APPLICATIONS.

An affordable 75 ohm cable that offers most of the performance of our famous D-60 digital cable. The precision construction, including silver-plated conductors and Teflon® dielectric, makes it the best choice for critical video and digital applications including DVD. DV-75 is incredible with HDTV, allowing the full measure of this technology to shine through. Composite, Component and RGB+HV formats are available. Termination options include "F," BNC and RCA type connectors. DV-75 is sold in 1/2 meter increments and is only available factory terminated.

"Video details are crystalline in their clarity; edge focus is sharp while at the same time having a film-like smoothness. As a digital cable, the DV75 has that see-through transparency we all hope for along with perfect tonality."



### **DV-75 RGB Component Video Cable**

Also available as RGB+HV five  
cable bundle.

### Connector Options



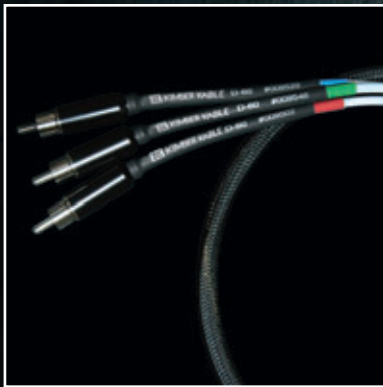


## REFERENCE S/PDIF DIGITAL CABLE.

D-60 has proven to be the worldwide reference for digital cables. Featuring a unique Hyper-pure silver conductor contained in an air-articulated Teflon® dielectric with twin helically wound shields to protect it from RF interference. The remaining layers and technology are proprietary. Termination options include BNC and RCA type connectors. Composite, Component and RGB+HV formats are available. D-60 is sold in 1/2 meter increments and is only available factory terminated.

“Fast, open and detailed,” raved J-10. “Focused and nuanced,” says WP. “Smooth yet highly detailed, spacious soundstage, and lack of hardness and edge,” says RH.

Stereophile – Recommended Components



### *D-60 RGB Component Video Cable*

Also available as RGB+HV five cable bundle.

### Connector Options





## HIGH QUALITY OPTICAL DIGITAL CABLE.

Construction of the OPT-1 begins with medical-grade light conducting fiber. The fiber is then encapsulated in a thermal barrier that inhibits heat warping of the light-carrying fiber. A mechanical damping outer barrier is also applied to further protect the cable from damage. The ends are then cold-polished helping to further reduce the incidence of reflections. With such excellent light transfer characteristics, the result is a sound which is full, relaxed and transparent.

“...the OPT1 opens up the soundstage, reduces digital hardness, and reveals air and transparency previously missing from the Toslink interface.”

Gary A. Galo – Audio Electronics Vol. 30 No. 4

### Connector



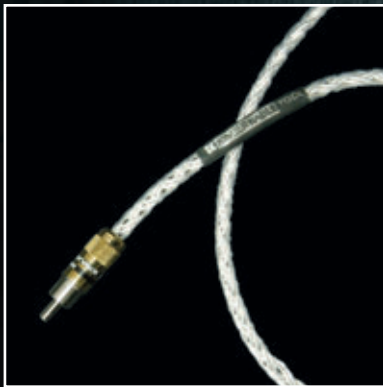


## REFERENCE BRAIDED DIGITAL CABLE.

Construction featuring our proven tri-braid field geometry and VariStrand™, Hyper-pure silver conductors. AGDL is configured for balanced digital data transmission. Designed specifically for digital applications in lengths from 0.5 through 10.0 metres, AGDL offers accurate, detailed and dynamic performance. The design philosophy is not transmission line based nor does it use metallic or semi-conductive screens. AGDL is available factory terminated with “studio grade” XLR type connectors with silver plated contacts. Also available with the Kimber Ultraplate™ RCA type connector.

“KIMBER KABLE AGDL (“The Revealer”): Once again, the name says it all. The AGDL, my preferred digital cable for some time, was the undisputed king of the hill at retrieving information from all of those bits. There were simply more sounds to be heard through the AGDL than through the other cables.”

Jack English – Stereophile Vol. 15 No. 2



### **TGDL**

Six-wire braid version of AGDL. Also available with “studio grade” XLR type connectors with silver plated contacts.

### Connector Options

Ultraplate™ RCA

WBT®-0110 Cu

WBT®-0110 Ag

“Studio Grade”  
XLR type







## THE REFERENCE IN AES/EBU DIGITAL CABLE

An AES/EBU cable of exceptional achievement, the Orchid has captured the passions of digital devotees and the respect of analog enthusiasts worldwide; both for recording and playback. The Orchid is smooth and detailed with amazing transient attack. Only the finest materials are used in the Orchid's construction and the technology is proprietary. Orchid is sold in 1/2 metre increments and is only available factory terminated with "studio grade" XLR type connectors with silver plated contacts.

"...the soundstage immediately became quieter all 'round, with a blacker, more velvety background." "Still the Orchid is several orders of magnitude faster and more energetic than balanced cables of any other manufacturer I've tried."

Jack English – Stereophile Vol. 15 No. 5

### Connector

"Studio Grade" XLR type



digital and video interconnects



## #1 IN HIGH DEFINITION DIGITAL VIDEO PERFORMANCE

Most of today's high-definition video and home theater components are equipped with HDMI™ or DVI™ connections. KIMBER KABLE has optimized these two standards to bring you digital multimedia cables of uncompromised performance.

**HD19** High-Definition Multimedia Interface (HDMI™) type cables play a key role in the connection of today's digital video and audio components. To enhance the performance of HDTV and other high-definition electronics KIMBER KABLE paid special attention to preserving the integrity of these delicate digital signals. Picture quality, in particular, will enjoy vivid image clarity and deep accurate colors. The HD19 has also been optimized to work at greater lengths than was previously thought possible.

**HDV** The HDV was created to provide compatibility in systems that use both HDMI™ and DVI™ equipped components. Constructed of our ultra high performance cable utilizing HDMI™ technology, the HDV will provide compatibility without a loss of critical picture fidelity, even at unusually long lengths.

**DV24** Digital Visual Interface (DVI™) type cables have been adopted for use in high quality consumer video and audio equipment. Our DVI-D™ dual link type cable has been engineered to enhance the quality of high-definition video and audio systems. The DV24 provides pristine detail with accurate color rendition and performs incredibly well at longer lengths.

“The Kimber HD19 & DV24 cables simply outperformed all other brands in an extensive head-to-head test.”

Russ Andrews – Russ Andrews Accessories Ltd



**HDV**



**DV24**



B BUS

USB™

USB™

KIMBER USB™ TYPE CABLE

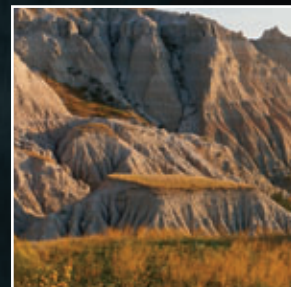
Mini BUS

Silver-plated (6.1%)  
signal conductors

Maximum gauge signal  
and power conductors

Nitrogen-infused polyethylene  
signal conductor dielectric

Ferrite noise reduction beads



## B BUS & MINI BUS

The popular USB™ interface now plays an important role in both consumer and professional audio and video. Audio devices that utilize USB™ data modes require a reliable transfer of data to operate properly. To address this need KIMBER KABLE created high performance USB™ type cables. Our Mini BUS™ and B BUS™ cables utilize copper conductors with an unusually thick (6.1%) silver plating to enhance conductivity and signal support. The largest gauge conductors possible under USB™ specification are used for both the signal and power conductors. A high performance nitrogen-infused polyethylene (PE) dielectric is used on the signal conductors to maximize signal integrity. Ferrite noise reduction beads are used on both ends of the cable to prevent interference of the delicate data stream. The Mini BUS™ is terminated with a USB™ A type connector on one end and a mini B type connector on the other end. The B BUS™ is terminated with a USB™ A type connector on one end to a USB™ B type connector on the opposite end.

“For the most reliable USB™ connections, the Kimber Mini BUS™ and B BUS™ are simply the best ever.”

### Connectors

