



QED

PURE DESIGN • PURE PERFORMANCE

CABLE AND
INTERCONNECT
BROCHURE



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Key



Custom lengths available, please ask your dealer



Lengths available

This new brochure features the full range of QED cables and interconnects - it also introduces some exciting new products, including digital peripheral interconnects and high performance mains cables/distribution hubs. We are also pleased to feature the new QED Silver Anniversary-XT speaker cable - winner of What Hi-Fi Magazine's prestigious 'Cable Product of the Year 2005' Award.

QED cables receive outstanding reviews in the specialist press, enjoy unprecedented success at award ceremonies and are recommended by many of the worlds leading manufacturers including:



QED cables always meet the principle technical requirements of effective screening, accurate impedance, low inductance and low capacitance. Guided by these scientific criteria, our research and development team use the latest computer-aided design techniques and the finest materials available, to continuously develop superb new products.

While the aim of this brochure is to provide as much comprehensive information as possible, we strongly recommend a visit to your local QED dealer to experience and appreciate QED cables and interconnects for yourself.

For further information about our products or to locate your nearest dealer please visit the QED website: www.qed.co.uk



SILVER ANNIVERSARY XT
AWARDS 2005



QED QUNEX RVR
AUGUST 2002



QED QUNEX HDMI-P
JULY 2005



X-TUBE 400
AWARDS 2002



QED QUNEX OT
AWARDS 2004



QED QUNEX PCV1
AWARDS 2004



QED QUNEX HDMI-P
SEPTEMBER 2005



X-TUBE 300
AWARDS 2002-03



QED SCART AV2110
AWARDS 2002



QED's Signature range of speaker cable is designed to conform to the technical ideal as outlined in the Genesis Research Programme. The construction, geometry and materials used all contribute to the effortless, uncoloured sound produced by these high fidelity speaker cables.



X-TUBE™ XT-400

The flagship Aircore™ cable. Silver Plated Oxygen Free Copper tubular conductor geometry. For use in the finest hi-fi and home theatre systems.

SEPTEMBER 2003
WHAT HI-FI? SOUND AND VISION
★★★★★

WHAT HI-FI? SOUND AND VISION AWARDS 2004
BEST SPEAKER CABLE OVER £10 PER METRE
QED XT400



X-TUBE™ XT-350

Hybrid SPOFC/OFC cable with Aircore™ technology. Ideal for use in the best quality hi-fi and home theatre systems.

OCTOBER 2002
WHAT HI-FI? SOUND AND VISION
★★★★★

WINNER OF THE BEST OVER £5/m 2002
SPEAKER CABLE
OVER £5/m



X-TUBE™ XT-300

Aircore™ tubular conductor geometry Oxygen Free Copper cable. Ideal for use in high quality hi-fi and home theatre systems.

SEPTEMBER 2002
WHAT HI-FI? SOUND AND VISION
★★★★★

PRODUCT OF THE YEAR
HI-FI
AWARDS
PRODUCT OF THE YEAR




GENESIS

Silver Spiral's exceptionally low resistance allows amplifiers to exert outstanding grip and control over the speakers they're driving, especially at low frequencies. This isn't just another speaker cable, it's a high performance audio component.

AUGUST 1999
Home Entertainment BEST BUY

AUGUST 1999
WHAT HI-FI? SOUND AND VISION
★★★★★



GENESIS BI-WIRE

This bi-wire version extends the already remarkable performance envelope of standard Genesis Silver Spiral by using Genesis dual core technology in a compact quad core format.

AUGUST 1999
Home Entertainment BEST BUY

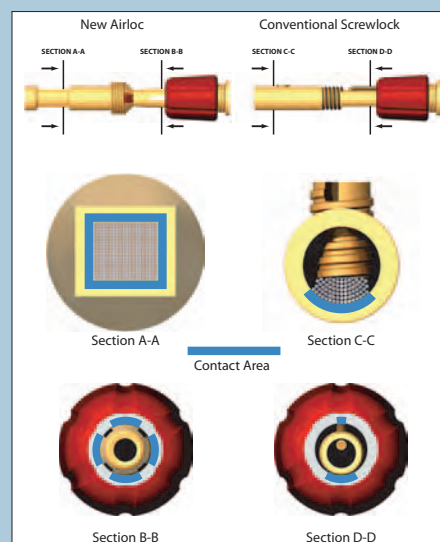
AUGUST 2002
WHAT HI-FI? SOUND AND VISION
★★★★★

AIRLOC™ Speaker Cable Termination

AIRLOC™ is QED's specialised loudspeaker cable termination method that can only be performed by QED authorised dealers using specialist equipment. Put simply, this is the best quality termination method to use with QED loudspeaker cables.

A loudspeaker cable should be seen as a complete unit with the connectors. The science and engineering of loudspeaker cable doesn't stop with the cable itself. To perform as the designer intended, the cable needs to have the

very best connector type, as sound quality can be adversely affected by using inferior connectors. This is why QED developed AIRLOC™, a solder-free, airtight cable-to-plug connection. As the cut-away diagram shows, AIRLOC™ forms the perfect fusion between the two metals of cable and plug. This 'cold weld' method allows the cable and plug to offer the optimum signal transfer and therefore, better sound quality. It also reduces contact resistance and ensures perfect long-term performance.





SILVER ANNIVERSARY

This world renowned and multi-award winning loudspeaker cable provides high-end performance at an affordable price, through the use of Silver Plated Oxygen Free Copper conductors in a spiral lay geometry.



NEW SILVER ANNIVERSARY-XT

Designed with performance in mind, the Silver Anniversary-XT speaker cable boasts all of the characteristics associated with Silver Anniversary but with the added enhancement of the Aircore™ technology found in the prestigious X-Tube™ cables.



QORUM® BI-WIRE

Qorum® Bi-Wire speaker cable features Linear Crystal Copper Technology and a FEP Teflon™ dielectric. Designed with Home Cinema Systems in mind, this reference quality cable delivers outstanding clarity and warmth.



QORUM®

Qorum® speaker cable is the first QED Cable to feature Linear Crystal Copper Technology and a FEP Teflon™ dielectric. Designed with Home Cinema Systems in mind, this reference quality cable delivers outstanding clarity and warmth.



SILVER ANNIVERSARY BI-WIRE

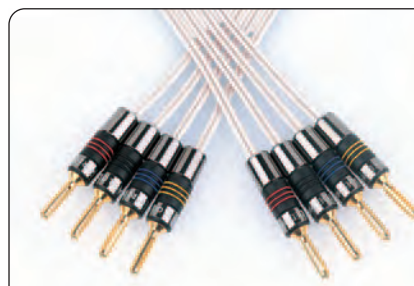
This exciting cable incorporates the same materials technology as Silver Anniversary, but features an enhanced bi-wire geometry to give sparkling gains in clarity, realism and dynamic impact.

MAY 2000



PROFILE SILVER 12 BI-WIRE

Silver Plated Oxygen Free Copper conductors contribute to the resolving power and delicacy of this cable - a true high-fidelity audio component.



PROFILE 4X4 BI-WIRE

True concentric stranded Oxygen Free Copper bunches positioned in a parallel configuration and insulated with a slim low-density Polyethylene jacket make this a powerful and revealing cable.

APRIL 1997





SILVER MICRO

Silver Micro combines convenience and performance. The miniature figure '8' construction allows Silver Micro to be used in the most demanding placement situations.



SILVER MICRO BI-WIRE

QED Silver Micro Bi-Wire combines all the benefits of QED Silver Micro into a performance enhancing bi-wire cable.



BRONZE SPECIAL EDITION

99.999% Oxygen Free Copper conductors formed into a spiral lay geometry, allow the use of thinner Low Density Polyethylene insulation to reduce cable losses and deliver better sound quality.



ORIGINAL

Low Density Polyethylene dielectric, 99.999% Oxygen Free Copper conductors and optimised geometry all contribute to the superb sound quality of this low cost cable.



ORIGINAL BI-WIRE

All of the attributes of QED Original, with the advantage of enhanced bi-wire performance.



MICRO BI-WIRE

Micro Bi-Wire combines the true performance benefits of bi-wiring with discreet, low-profile double figure '8' construction.



MICRO

Entry-level speaker cable that combines convenience and performance. The miniature figure '8' construction allows Micro to be used in the most demanding placement situations.



QONTOUR® ULTRA FLAT

Flat format loudspeaker cable offering great sound quality in an amazingly discreet format. With a depth of only 1mm and the use of multiple solid core 99.999% OFC conductors in a flexible PVC dielectric, Ultra Flat can be folded, even through 90 degrees. Perfect for any lifestyle needs



42 Strand

79 Strand

CLASSIC 42/79 STRAND

The only cable ever to win the prestigious Federation of British Audio 'TEST OF TIME' Award. Entry-level speaker cable that combines convenience and performance.

QUNEX® Sub-woofer Interconnects

Active sub-woofers, like any hi-fi or home theatre component, require the best possible signal quality to enable them to work at their optimum. They have a single specialised function - that of accurately reproducing the low frequency content of music and movies. Therefore, their requirements are obviously very specific - good signal transfer over long cable runs and effective shielding from external interference (typically mains hum).

QED's QUNEX® sub-woofer interconnects have been specifically designed to meet these exacting requirements and enhance your listening experience.

Whether used in a sub/sat speaker system or full-blown 7.1 digital surround-sound set-up, QUNEX® sub-woofer interconnects bring out the best from the active sub-woofer - tuneful baselines, explosive effects and superb integration with the main speakers.



QUNEX® SR-SW

Designed for use with the finest active sub-woofers, QUNEX® SR-SW is a true reference for sub-woofer interconnects.

CUSTOM
CABLE
SERVICE

3M LENGTH	6M LENGTH	10M LENGTH
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QUNEX® P-SW

QED's entry-level sub-woofer interconnect offers a very high level of screening when compared to normal line-level interconnects.

CUSTOM
CABLE
SERVICE

3M LENGTH	6M LENGTH	10M LENGTH
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QUNEX® Y-SW

Sub-woofer 'Y' adaptor. High quality single phono socket to dual phono plugs 'Y' adaptor, designed for use with active subwoofers that require both left and right channels connected for best performance.

QONTOUR® Sub-woofer Interconnects

QONTOUR® is all about offering high performance in a discreet format. Like their partnering loudspeaker cables, these QONTOUR® miniature sub-woofer interconnects make connecting hi-fi and home theatre systems a pleasure. No more clumsy and unsightly wires trailing around the room, just great sound quality.



QONTOUR® MSR-SW

Taking the miniature sub-woofer interconnect concept to the next stage is the QONTOUR® Reference MSR-SW. An impressive specification of Silver-plated Oxygen Free Copper conductors and PTFE dielectric in a 2.5mm diameter cable.

CUSTOM
CABLE
SERVICE

3M LENGTH	6M LENGTH	10M LENGTH
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QONTOUR® MP-SW

Small enough to run under carpets, this innovative design uses 99.999% Oxygen Free Copper Conductors, extruded foamed Polyethylene dielectric and an Aluminium Mylar wrap.

CUSTOM
CABLE
SERVICE

3M LENGTH	6M LENGTH	10M LENGTH
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QUNEX® interconnects are designed to improve the performance of any hi-fi or home theatre component, from budget to high-end. We advance our methods, materials and designs to enhance the listener's enjoyment and satisfaction.



QUNEX® SILVER SPIRAL

QED's flagship interconnect is an outstanding interconnect. Its unique dual co-axial spiral construction utilises Silver Plated Oxygen Free Copper conductors giving this interconnect stunning clarity and resolving power.

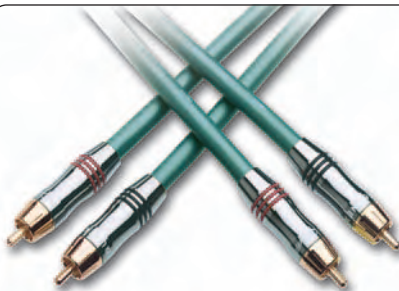
FEBRUARY 2000



OCTOBER 1995



CUSTOM CABLE SERVICE
0.5M LENGTH
1M LENGTH



QUNEX® 4S

This quad balanced design combines Silver Plated Oxygen Free Copper conductors with a double screen of Aluminium Mylar foil and a Silver Plated Copper braid, to create a high performance audio interconnect.

MARCH 1999



CUSTOM CABLE SERVICE
0.5M LENGTH
1M LENGTH



QUNEX® 3

A combination of the very best materials and precise geometry gives this cable true high fidelity sound performance. This dual balanced design uses Silver Plated Oxygen Free Copper conductors for optimum signal transfer.

CUSTOM CABLE SERVICE
0.5M LENGTH
1M LENGTH



QUNEX® 2

Utilises 99.999% Oxygen Free Copper conductors in a low-loss Polyethylene dielectric to create a high performance interconnect.

AUGUST 1998



MARCH 1998



CUSTOM CABLE SERVICE
0.5M LENGTH
1M LENGTH
3M LENGTH



QUNEX® 1

Could this be the best budget interconnect available today? Certainly it's destined to become a modern classic with its superb sound quality and sheer value for money.



FEBRUARY 1998



CUSTOM CABLE SERVICE
1M LENGTH
3M LENGTH
5M LENGTH



NEW

QUNEX® J2P

Available in blue or white

Connect Your: MP3 Player, Personal CD Player or PC

To Your: Amplifier

QUNEX® J2P with 3.5mm Mini-Jack to two Phono plugs conveniently connects today's portable audio devices (MP3 Player, Mini-Disc or CD) to a hi-fi system for either recording or playback.

1.5M LENGTH
3M LENGTH



Digital Audio Interconnects

Connect Your: DVD Player or Games Console **To Your:** AV Amplifier with Co-axial digital audio input

Our approach to digital interconnects is no different to that which has made our leading edge speaker cables and audio interconnects acclaimed across the world: good science, the latest technology, the best design and materials.



QUNEX® SIGNATURE 75

The Flagship digital co-axial interconnect is designed specifically for use in high-end hi-fi and home theatre applications. Fitted with Rhodium-plated QUNEX® Reference plugs.

CUSTOM
CABLE
SERVICE

0.5M LENGTH	1M LENGTH
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QUNEX® SR75

SR75 makes use of dual concentric screen technology and high quality Silver Plated Oxygen Free Copper conductors for optimum conductivity and noise immunity.



CUSTOM
CABLE
SERVICE

0.5M LENGTH	1M LENGTH	1.5M LENGTH
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QUNEX® P75

P75 boasts dual concentric screen technology and delivers the clarity and realism you expect from a top-flight digital co-axial interconnect at a budget price.

CUSTOM
CABLE
SERVICE

0.5M LENGTH	1M LENGTH	1.5M LENGTH	3M LENGTH
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QUNEX® OT

QUNEX® OT is an all-purpose optical digital interconnect, ideal for use between a CD transport and DAC or in high quality audio-visual applications.

Connect Your: DVD Player or Games Console

To Your: AV Amplifier with Optical input



CUSTOM
CABLE
SERVICE

1M LENGTH	3M LENGTH
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S-Video Interconnects

Connect Your: DVD Player, SVHS Video Recorder or AV Amplifier

To Your: TV, Plasma or LCD Screen



QUNEX® SVS

A true 75 ohm S-Video interconnect with the resolving power of Silver and the ultra low-noise properties of its unique twin co-axial construction, this is an outstanding interconnect.

CUSTOM
CABLE
SERVICE

0.5M LENGTH	1M LENGTH	3M LENGTH
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QUNEX® ESV

QUNEX® ESV is the Performance version S-Video interconnect, featuring true 75 ohm impedance and low density Polyethylene insulation. This interconnect offers serious value for money and great picture quality.

CUSTOM
CABLE
SERVICE

1M LENGTH	5M LENGTH
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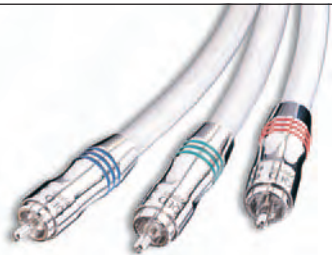


Component Video Interconnects

Connect Your: DVD Player/Recorder with Component Video output

To Your: TV, Plasma, LCD Screen or Projector equipped with Component Video input

With major technological advances such as progressive scan, near-studio quality pictures are a reality from high quality home theatre systems – with the right interconnects. QUNEX® Component Video interconnects enable suitably equipped DVD players and TV monitors to fully exploit the high quality picture available from the DVD including the latest high definition formats.



QUNEX® SIGNATURE CV1

Designed for use with the finest DVD players, the Signature CV is able to maximise the quality of progressive scan video playback. The triple screen of dual SPOFC braids and Aluminium Mylar foil, contributes to this interconnect's outstanding picture resolution. Fitted with Rhodium-plated QUNEX® Reference plugs.

SEPTEMBER 2005



CUSTOM
CABLE
SERVICE

1M
LENGTH



QUNEX® SR-CV1

The Reference SR-CV is a truly exceptional video interconnect, which uses Silver Plated Oxygen Free Copper conductors, in a dual concentric geometry, for excellent signal transfer and superb picture quality.

CUSTOM
CABLE
SERVICE

1M	3M	5M
LENGTH	LENGTH	LENGTH



QUNEX® P-CV1

The Performance version, uses 99.999% Oxygen Free Copper conductors within a low loss LDPE dielectric to ensure good signal integrity.



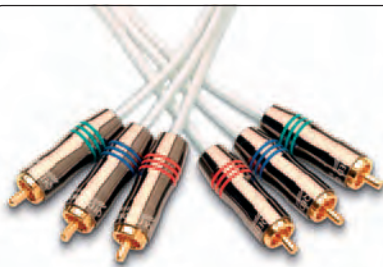
NOVEMBER 2004



CUSTOM
CABLE
SERVICE

1M	3M	5M
LENGTH	LENGTH	LENGTH

When you need high performance interconnects but they have to be very small and discreet, then QED Qontour® CV is the solution. These interconnects deliver many of the qualities of the Qunex® Performance and Silver Reference ranges – but in an ultra compact format.



QONTOUR® MSR-CV1

The QONTOUR® SR-CV is a truly exceptional video interconnect, which uses Silver Plated Oxygen Free Copper conductors, in a dual concentric geometry, for excellent signal transfer and superb picture quality.

CUSTOM
CABLE
SERVICE

1M	3M
LENGTH	LENGTH



QONTOUR® MP-CV1

QONTOUR® P-CV1 uses 99.999% Oxygen Free Copper conductors within a low loss foamed LDPE insulation to ensure good signal integrity.

CUSTOM
CABLE
SERVICE

1M	3M
LENGTH	LENGTH





Reference Scart Interconnects

Connect Your: DVD Player, DVD Recorder, VCR or Digital Box **To Your:** TV, Plasma or LCD Screen

Silver Reference is QED's premier SQART™ range and will deliver significantly better picture and sound quality than conventional Scart interconnects, and even out-perform many high-end 'separate' video and audio interconnects, due to the use of advanced construction techniques, meticulous screening and superior materials. High-end Scart is now a reality.



AV CABLES UP TO £50
FEBRUARY 2002



MARCH 2004



SQART™ AV14

For use where SCART equipped A/V source needs to be connected to an RCA phono equipped VCR or TV Monitor. This interconnect is directional. Scart out to 3 x RCA Phono (Stereo Audio & Composite Video).

CUSTOM CABLE SERVICE
2M LENGTH



SQART™ AV21

For all high quality A/V interconnections requiring a fully wired SCART to SCART (Fully Wired) interconnect. e.g. DVD to TV, digibox to TV etc.

CUSTOM CABLE SERVICE
0.5M LENGTH 1M LENGTH 1.5M LENGTH 2M LENGTH 3M LENGTH 5M LENGTH 10M LENGTH



SQART™ AV10

For use where an RCA phono composite video signal needs to be connected to a Scart-equipped TV Monitor. No audio transmission. This interconnect is directional. RCA to Scart in (Composite video only)

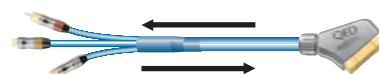
CUSTOM CABLE SERVICE
2M LENGTH



SQART™ AV16

For use where SCART equipped A/V source needs to be connected to an A/V amplifier, S-VHS video recorder or S-Video TV. Scart out to 2 RCA Phono + 1 S-Video (Stereo Audio & S-Video).

CUSTOM CABLE SERVICE
0.5M LENGTH 1M LENGTH 2M LENGTH



SQART™ AV27

For use where an S-video source needs to be connected to a SCART equipped TV, typically in an A/V amplifier based system. Stereo audio from the TV is fed back to the A/V amplifier. 2 RCA Phono Out & S-video to Scart in (Stereo Audio & S-Video)

CUSTOM CABLE SERVICE
1M LENGTH



SQART™ AV11

For use where a Scart (S-Video) signal needs to be connected to the input of a S-Video socket-equipped TV Monitor. No audio transmission. This interconnect is directional. Scart out to S-Video (S-Video only)

CUSTOM CABLE SERVICE
2M LENGTH



SQART™ AV17

For use where an S-Video and stereo audio A/V source need to be connected to a SCART-equipped TV or S-VHS video recorder (record only). 2 RCA Phono + 1 S-Video to Scart in (Stereo Audio & S-Video).

CUSTOM CABLE SERVICE
1M LENGTH 2M LENGTH



SQART™ AV41

For the very best quality A/V systems using RGB video connection only. All unused connections are removed to maximize picture quality. Full data connection provided. e.g. DVD to TV, digibox to TV etc. No audio transmission. This interconnect is directional. Scart to Scart (RGB video only).

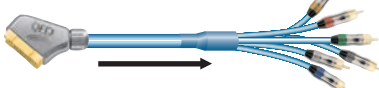
CUSTOM CABLE SERVICE
1M LENGTH 1.5M LENGTH 3M LENGTH



SQART™ AV12

For use where an S-Video signal needs to be connected to a SCART-equipped TV Monitor, typically in an A/V system using a separate surround sound amplifier. No audio transmission. This interconnect is directional. S-Video to Scart in (S-Video only).

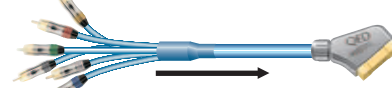
CUSTOM CABLE SERVICE
2M LENGTH



SQART™ AV19

For use where RGB + sync component video and stereo signals need to be transmitted from a SCART equipped A/V source to an RCA phono-equipped high-end TV or video projector. Scart out to 6 RCA Phonos (Component RGB Sync & Stereo Audio).

CUSTOM CABLE SERVICE
2M LENGTH 5M LENGTH



SQART™ AV29

For use where an RGB or YUV Component video and stereo audio signals need to be transmitted to a SCART equipped TV. This interconnect is suitable for both Component video formats. When using YUV source ensure the TV has a YUV compatible SCART input. 6 RCA Phonos to Scart In (Components RGB/YUV + Sync & Stereo Audio).

CUSTOM CABLE SERVICE
1M LENGTH



Performance Scart Interconnects

Connect Your: DVD Player, DVD Recorder, VCR or Digital Box
To Your: TV, Plasma or LCD Screen

WHAT HI-FI?
SOUND AND VISION

AWARDS 2004

BEST SCART CABLE

QED P2110

WHAT HI-FI?
SOUND AND VISION

AWARDS 2005

CABLES

BEST SCART CABLE

QED SQART P2110

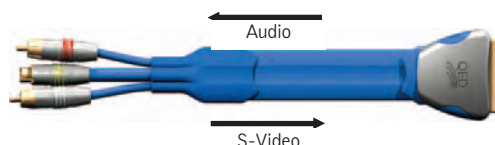
QED's Performance Scart™ range are the first entry level interconnects in the world to deliver the performance and resolving power of high-end discreet interconnects, with the convenience and connectivity of Scart.



SQART™ P12

Recommended for use where S-Video (Y/C) needs to be connected to a SCART equipped TV monitor. Normally used in an A/V set-up with a separate surround sound amplifier. S-Video to Scart in (S-Video only).

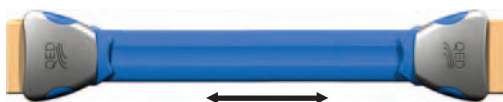
1M LENGTH 2M LENGTH 5M LENGTH



SQART™ P27

Recommended for use where S-Video (Y/C) signals need to be connected to a TV receiver and audio signals from the TV receiver need to be monitored/played back via an AV amplifier or an 'all-in-one' theatre system. 2 RCA Phono Out & S-video to Scart in (Stereo Audio & S-Video).

1M LENGTH



SQART™ P21

All AV applications where SCART equipped components are to be connected. Offers the facility to transmit Composite, S-Video (Y/C) and RGB video, in addition to mono or stereo audio. Scart to Scart (Fully Wired).

WHAT HI-FI?
SOUND AND VISION

AWARDS 2004

BEST SCART CABLE

QED P2110

WHAT HI-FI?
SOUND AND VISION

AWARDS 2005

CABLES

BEST SCART CABLE

QED SQART P2110

0.5M LENGTH 1M LENGTH 2M LENGTH 5M LENGTH



SQART™ P41

Recommended for use where only RGB video and sync signal need to be transmitted to a high performance TV monitor. Normally used in an A/V set-up using a separate surround sound amplifier. Scart to Scart (RGB Video only).

1M LENGTH 2M LENGTH 5M LENGTH



NEW QCV Scart Adaptor

Connect Your: DVD, Freeview, Digibox or SkyPlus set top box

To Your: TV, Plasma, LCD or Projector

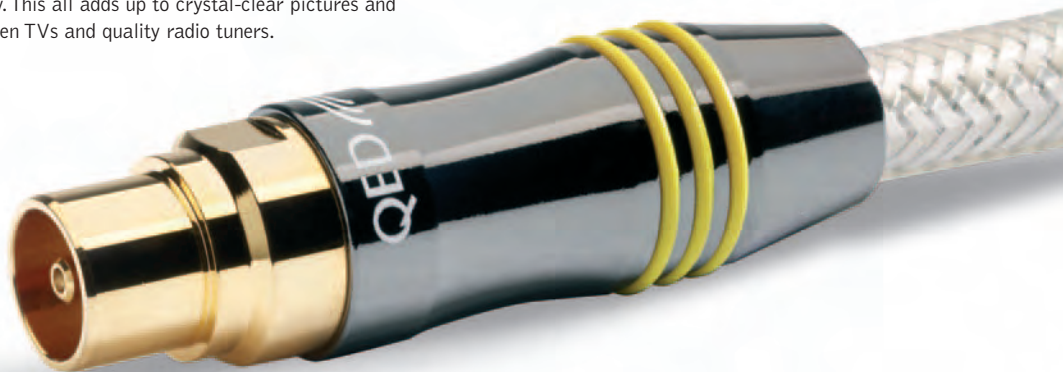
The QCV Scart to Component Video adaptor has been designed specifically to enhance the picture quality from a DVD, Freeview, Digibox or SkyPlus set top box. QCV works by taking the 'RGB' scart video signal output from these devices and converting them into a high quality 'Y/U/V' Component Video signal. This can then be used to take advantage of the Component Video inputs on your TV, Plasma, LCD or Projector. Includes plug top power supply. UK and Euro version available.

QED QUNEX™ Broadcast Interconnects

Connect Your: Aerial wall socket **To Your:** TV, VCR, DVD Recorder or Freeview Box

TVs, radio tuners, satellite and terrestrial digital receivers, all require the best possible input signal to enable them to produce the best quality sound and pictures. Signals received by a Satellite dish or aerial system are extremely small (one million times smaller than loudspeaker level!) and very susceptible to interference and corruption through the use of inferior interconnects.

QUNEX® Broadcast Receiver Interconnects use the highest quality materials and optimum geometry in their construction to ensure excellent signal integrity. This all adds up to crystal-clear pictures and interference-free sound – perfect for large screen TVs and quality radio tuners.



"All models are exceptionally well screened to keep unwanted interference out and the desired signals in. They also have the best-made RF plugs we've ever seen..." We ran two lengths of cable (one standard coax, the other the QED TTV) near a computer. The pricier cable successfully resisted the high amount of noise our PC emitted."
"Exceptional build quality; can offer improvement over existing RF flyleads."

AUGUST 2002




QUNEX® RVR

True 75-ohm design utilising Silver Plated Oxygen Free Copper conductors and QUNEX® Gold-plated 75-ohm connectors for superb signal transfer; this high quality connector is designed for use between VCR or digibox and high quality TV receivers. Also for use between wall socket and radio tuner. Male to Female co-axial connectors.

Connect Your: VCR / PVR
To Your: TV

1M LENGTH



QUNEX® TTV

True 75-ohm design utilising SPOFC conductors and QUNEX® Gold-plated 75-ohm connectors for superb signal transfer; this high quality interconnect is designed for use with high quality TV receivers, FM and DAB tuners, etc. Male to Male co-axial connectors.

Connect Your: Aerial Wall Socket
To Your: TV, VCR or Freeview Box

1M LENGTH



QUNEX® STV

True 75-ohm design utilising Silver Plated Oxygen Free Copper conductors and QUNEX® Gold-plated 75-ohm connectors for superb signal transfer; this high quality interconnect is designed for use with high quality satellite receivers.

Connect Your: Digital / Satellite Wall Socket
To Your: Digibox or SkyPlus set top box

1.5M LENGTH



**For the Sharpest and
Clearest Digital Pictures
and Sound...**

The new Digital AV range of interconnects are specifically designed to offer the highest possible quality pictures and sound when connecting DVD player/recorders, Games Consoles and suitably enabled AV equipment to compatible Plasmas, LCD Screens or Projectors.



NEW QUNEX® HDMI-SR

HDMI-SR Reference interconnect provides outstanding digital signal integrity for exceptional pictures and sound. It is recommended for direct digital connections between the highest quality, suitably equipped components, including 'HD Ready' products.

- Triple screened cable and shielded plugs provide unrivalled immunity from interference.
- Ergonomically profiled plugs with integrated strain relief and gold plated contacts deliver excellent long term performance.
- Silver Plated 99.999% OFC 30 AWG conductors for optimum digital signal transfer even over long cable runs.

0.5M LENGTH 1M LENGTH 3M LENGTH 5M LENGTH 10M LENGTH



"..., the HDMI-P is a stunning product. The detail it gives you is awesome."

SEPTEMBER 2005

WHAT HI-FI?
SOUND AND VISION

★★★★★

"..., the HDMI-P puts in a blistering performance."

JULY 2005

homecinema

WHAT HI-FI?
SOUND AND VISION
AWARDS 2005

CABLES
BEST DIGITAL VIDEO CABLE
QED QUNEX HDMI-P

QUNEX® HDMI-P

The HDMI-P Performance Interconnect ensures excellent signal transfer when used for direct digital connections between suitably equipped components, including 'HD Ready' products.

- Double screened cable and shielded plugs ensure high levels of immunity from interference.
- Custom designed plugs with gold plated contacts for improved long term performance.
- 30 AWG conductors ensure superior signal integrity over long cable runs.

1-7m translucent purple
10-15m installation white

1M LENGTH 2M LENGTH 3M LENGTH 5M LENGTH 7M LENGTH 10M LENGTH 15M LENGTH



QUNEX® DVI-HDMI

Premium quality adaptor for connecting the DVI-D Digital video output (from equipment such as DVD players or AV amplifiers) to the HDMI (Type A) digital video input of a Projector, LCD or Plasma screen.



QUNEX® HDMI-DVI

Premium quality adaptor for connecting a HDMI (Type A) digital video output (from equipment such as DVD players or AV amplifiers) to the DVI-D digital input of a Projector, LCD or Plasma screen.



QUNEX® HDMI-HDMI

Premium quality, in-line adaptor to enable HDMI (Type A) interconnects to be joined together.



NEW HDMI Switching Boxes

Connect Your: HDMI enabled source components

To Your: Plasma, LCD screen or Projector

The QED HDMI Switching unit enables high definition picture and audio signal to be channelled through 2 or 4 sources on route to any HDMI enabled Plasma, LCD screen or Projector. Compatible with any source equipment using the HDMI format such as a DVD player, the switching unit will allow easy transfer between multiple sources used on a single Plasma, LCD screen or Projector. Includes plug top power supply (UK and Euro versions available).

- 2 way or 4 way versions available
- Includes remote control

There are 3 types of Digital Video Interface (DVI) connectors: DVI-D (Digital), DVI-A (Analogue) or DVI-I (Integrated).

QED's DVI connectors are DVI-D making them perfect for the transmission of high resolution digital video signals between compatible DVD players, Plasma/LCD screens, digital Set-top boxes and Projectors.

DVI-D features high-bandwidth Transition Minimised Differential Signaling (TMDS video technology), which enhances the playback of uncompressed digital video. It is also forward compatible with current HDMI video standards.

The i.LINK logo is a trademark of Sony Corporation, registered in the U.S. and other countries.
FireWire and the FireWire symbol are the trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
The FireWire logo is a trademark of Apple Computer, Inc.



NEW QUNEX® HDMI/DVI-P

Connect Your: HDMI equipped device

To Your: DVI equipped TV, Plasma, LCD or Projector
A digital video only interconnect, the HDMI/DVI-P delivers excellent signal transfer between suitably equipped components, including 'HD Ready' products.

- Double screened cable and shielded plugs ensure high levels of immunity from interference.
- Custom designed plugs with gold plated contacts for improved long term performance.
- Converts one type of connection to another without the need for multiple interconnects or adaptors.



1M LENGTH 2M LENGTH 3M LENGTH 5M LENGTH 7M LENGTH



NEW QUNEX® DVI-P

Connect Your: DVI equipped device

To Your: DVI equipped TV, Plasma, LCD or Projector
The DVI -P delivers excellent digital video transfer between suitably equipped components, including 'HD Ready' products.

- Double screened cable and shielded plugs ensure high levels of immunity from interference.
- Custom designed plugs with gold plated contacts for improved long term performance.



1M LENGTH 2M LENGTH 3M LENGTH 5M LENGTH 7M LENGTH

IEEE1394 interconnects, commonly know as Firewire, are used to provide a direct digital signal connection between a computer and other suitably equipped peripheral devices such as a digital camcorder. Devices will be either fitted with a 4 pin or 6 pin port depending upon whether the device requires power. IEEE1394 can also be used as an interconnect between suitably enabled AV equipment.

Connect Your: IEEE1394 equipped CD/DVD Player, DVD Recorder or Digital Camcorder

To Your: IEEE1394 equipped AV Amplifier or PC Peripheral



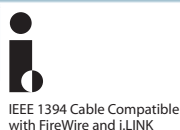
NEW QUNEX® PERFORMANCE Q-WIRE 6 Pin to 6 Pin



NEW QUNEX® PERFORMANCE Q-WIRE 4 Pin to 6 Pin



NEW QUNEX® PERFORMANCE Q-WIRE 4 Pin to 4 Pin



1M LENGTH 2M LENGTH 3M LENGTH

Universal Serial Bus (USB) interconnects are used to connect a computer to a suitably equipped peripheral device such as a printer or digital camera. Devices will be either fitted with an A-type, B-type or MiniB-type port, which will denote the termination method required.



NEW QUNEX® PERFORMANCE USB-P TYPE A to TYPE B

Connects your:

Printer or other USB equipped peripheral

To your: PC or Laptop



NEW QUNEX® PERFORMANCE USB-P TYPE A to TYPE B MINI

Connects your:

Digital Camera

To your: PC or Laptop

1M LENGTH 2M LENGTH 3M LENGTH





Mains Cable and Filtration/Protection Hubs

Connect Your: Equipment fitted with IEC mains socket **To Your:** Mains Outlet

The QED Qonduit series of mains filtration/protection hubs and screened power cables set new standards for performance and value. They are also the first of their kind to be tested by the British Standards Institute.

As you can see from the graph below the Qonduit MDH provides a smoother supply of mains power with dramatically reduced interference. This enables your hi-fi and home cinema system to deliver its optimum performance.

The sleek, elegant design using robust extruded aluminium only adds to the brilliance of these hubs.

The Qonduit hubs are available in two, four and six socket variants and feature dedicated 'Source Component' and 'Power Amplifier' sockets, providing power supply, filtration and protection for all hi-fi and home cinema equipment. All hubs include a high performance 1.5m Qonduit Mains Power Cable.

NEW QONDUIT® MAINS POWER CABLE

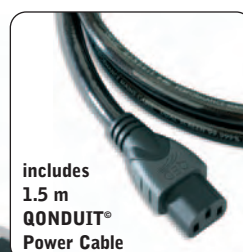
QED Qonduit Mains Power Cables are a series of high performance British standards tested, Class 1 power cables suitable for use in any application requiring an IEC (C13 connector).

- UK and Euro versions available

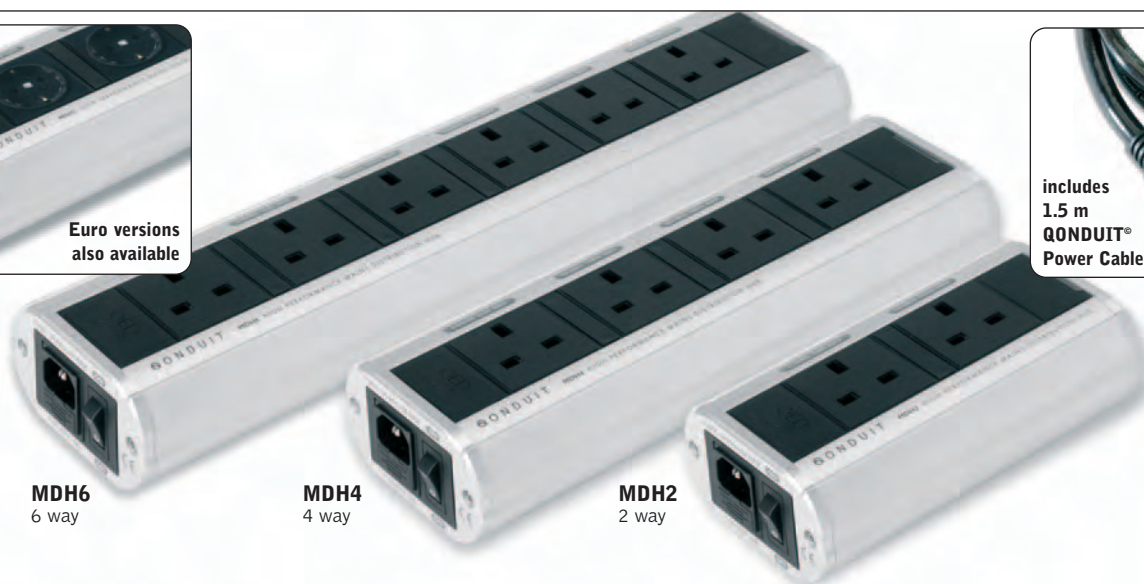
1.5M LENGTH 3M LENGTH



Euro versions also available



includes 1.5 m QONDUIT® Power Cable



MDH6 6 way

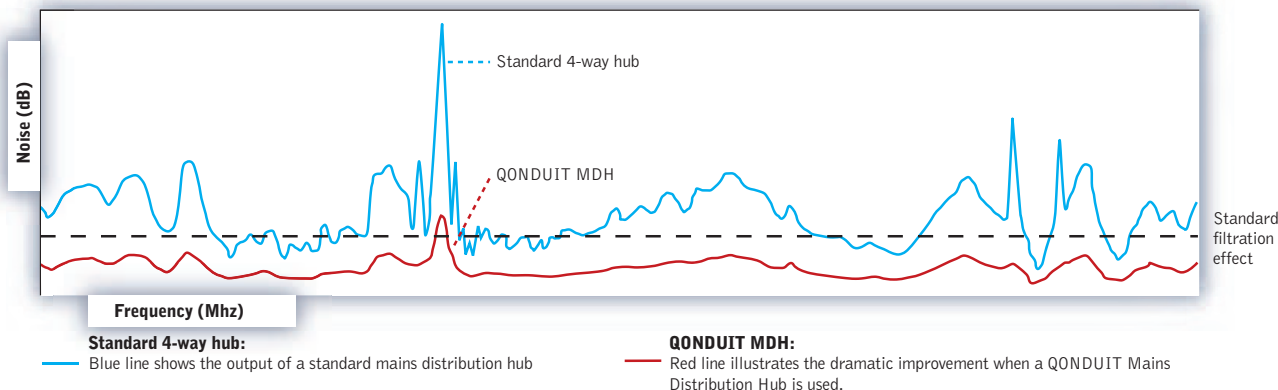
MDH4 4 way

MDH2 2 way


















NEW QONDUIT® MAINS FILTRATION/PROTECTION HUB

QED QONDUIT® mains conditioning units offer performance enhancing surge protection






SPECIFICATIONS: Power supply and protection for all hi-fi and home cinema equipment • Triple level surge protection – reduces transient surges up to IEC 61000-4-4 level 2 and suppresses all transients above 0.8kV • Each socket individually filtered and isolated from interference and surges • power amplifier filtered socket (for hi-fi and home cinema amplifiers) • source equipment filtered socket (for DVD/CD player, satellite box etc.) • Operating Voltage: 220 –240V ac • Operating Frequency 50-60Hz • Voltage Protection Level: 0.8kV • Amplifier Socket: 2kW max • Source Socket (x1): 100W max








Speaker Cable

Cable	Mode Of Operation	Conductor Section (mm ²)	Conductor Material	Conductor Dielectric	Loop Resistance (Ω/m)	Parallel Capacitance (pF/m)	Loop Inductance (μH/m)	Dissipation Factor (@10kHz)	Finish	Actual Size
X-TUBE™ XT-400	Single Wire	2 x 4.00	Silver Plated 99.999% OFC	PVC Jacket + Polyethylene Core	0.0083	43.0	0.50	0.0400	Pearl White	
X-TUBE™ XT-350	Single Wire	2 x 3.50	99.999% OFC & Silver Plated 99.999% OFC	PVC Jacket + Polyethylene Core	0.0097	46.0	0.49	0.0400	Pearl White	
X-TUBE™ XT-300	Single Wire	2 x 3.00	99.999% OFC	PVC Jacket + Polyethylene Core	0.011	42.0	0.49	0.0400	Pearl White	
GENESIS SILVER SPIRAL	Single Wire	2 x 5.5	Silver Plated 99.999% OFC	Polyethylene	0.008	76	0.46	0.007	Translucent Silver	
GENESIS SILVER SPIRAL BI-WIRE	Bi-Wire	4 x 5.5	Silver Plated 99.999% OFC	Polyethylene	0.008	88	0.46	0.004	Translucent Silver	
SILVER ANNIVERSARY-XT	Single Wire	2 x 1.52	Silver Plated 99.999% OFC	Polyethylene	0.021	50	0.47	0.006	Shimmer Pearl White	
SILVER ANNIVERSARY	Single Wire	2 x 2.50	Silver Plated 99.999% OFC	Polyethylene	0.0149	42.9	0.51	0.006	Shimmer Pearl White	
SILVER ANNIVERSARY BI-WIRE	Bi-Wire	4 x 2.50	Silver Plated 99.999% OFC	Polyethylene	0.0149	21.5	0.73	0.002	Shimmer Pearl White	
SILVER MICRO BI-WIRE	Bi-Wire	4 x 1.40	Silver Plated OFC 99.999% Strands	Polyethylene	0.0249	34	0.61	0.0046	Shimmer Pearl White	
SILVER MICRO	Single	2 x 1.40	Silver Plated OFC 99.999%	Polyethylene	0.0249	28.0	0.66	0.0009	Shimmer Pearl White	
PROFILE SILVER 12 BI-WIRE	Single Wire / Bi-Wire	12 x 0.63	Silver Plated 99.999% OFC	Polyethylene	0.098 0.019	40.10 19.70	0.36 0.64	0.0011 0.0005	Shimmer Pearl White	
PROFILE 4X4 BI-WIRE	Single Wire / Bi-Wire	8 x 1.25	99.999% OFC	Polyethylene	0.072 0.0146	42.74 20.73	0.35 0.64	0.0006 0.0003	Pearl Green	
QORUM® BI-WIRE	Bi-Wire	4 x 1.90	Linear Crystal 99.999%	FEP	0.0180	110	0.50	0.020	Metallic Ice	
QORUM®	Single Wire	2 x 1.9	Linear Crystal 99.999%	FEP	0.0180	60.5	0.50	0.023	Metallic Ice	
BRONZE SPECIAL EDITION	Single Wire	2 x 2.50	99.999% OFC	Polyethylene	0.0154	35.00	0.57	0.0003	Pearl Bronze	
ORIGINAL	Single Wire	2 x 2.50	99.999% OFC	Polyethylene	0.0145	40.00	0.58	0.0009	Pearl White	
ORIGINAL BI-WIRE	Bi-Wire	4 x 2.50	99.999% OFC	Polyethylene	0.0143	22.00	0.76	0.004	Pearl White	
MICRO BI-WIRE	Bi-Wire	4 x 1.25	99.999% OFC	Polyethylene	0.0289	32.43	0.73	0.002	Pearl White	
MICRO	Single Wire	2 x 1.25	99.999% OFC	Polyethylene	0.0289	25.00	0.63	0.002	Pearl White	
QONTOUR® ULTRA FLAT	Flat Single Wire	2 x 1.13	Solid 99.999% OFC	PVC	0.029	26.8	0.76	0.0431	Neutral White	
CLASSIC 79 STRAND	Single Wire	2 x 2.50	99.999% OFC	PVC	0.016	58	0.66	0.09	Black or White	
CLASSIC 42 STRAND	Single Wire	2 x 1.00	99.999% OFC	PVC	0.046	49	0.75	0.05	Black or White	




Sub-woofer Interconnect

Interconnect	Conductor Section (mm ²)	Conductor Material	Screening Material	Conductor Dielectric	Loop Resistance (Ω/m)	Parallel Capacitance (pF/m)	Loop Inductance (μH/m)	Dissipation Factor (@10kHz)	Finish	Actual Size
QUNEX® SR-SW	4 x 0.21	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Double Silver Plated 99.999% OFC Braid	Low Density Polyethylene	0.0083	128.0	0.32	0.0014	Translucent Black	
QUNEX® P-SW	2 x 0.40	Stranded 99.999% OFC	Aluminium Mylar + Dual 99.999% OFC Braid	Low Density Polyethylene	0.0087	127.0	0.65	0.0016	Pearl Black	
QUNEX® Y-SW	4 x 0.21	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Double Silver Plated 99.999% OFC Braid	Low Density Polyethylene	0.0083	128.0	0.32	0.0014	Translucent Black	
QONTOUR® MSR-SW	1 x 0.15	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Dual Silver 99.999% OFC Braid	Low Density Polyethylene	0.0137	84.5	0.30	0.002	Pearl White	
QONTOUR® MP-SW	1 x 0.15	Stranded 99.999% OFC	Aluminium Mylar + Dual Silver 99.999% OFC Braid	Low Density Polyethylene	0.0139	120.0	0.30	0.0009	Pearl White	


Analogue Audio Interconnects

Interconnect	Conductor Section (mm ²)	Conductor Material	Screening Material	Conductor Dielectric	Loop Resistance (Ω/m)	Parallel Capacitance (pF/m)	Loop Inductance (μH/m)	Dissipation Factor (@10kHz)	Finish	Actual Size
QUNEX® SILVER SPIRAL	4 x 0.41	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Double Silver Plated 99.999% OFC Braid	Foamed Low Density Polyethylene	0.0033	272.9	0.16	0.0012	Translucent Silver	
QUNEX® 4S	4 x 0.21	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Double Silver Plated 99.999% OFC Braid	Foamed Low Density Polyethylene	0.0077	129.3	0.35	0.0083	Pearl Green	
QUNEX® 3	2 x 0.40	Stranded Silver Plated 99.999% OFC	Aluminium Mylar Silver 99.999% OFC Braid	Low Density Polyethylene	0.100	133.0	0.60	0.008	Clear Translucent Silver	
QUNEX® 2	4 x 0.40	Stranded 99.999% OFC	Aluminium Mylar + 99.999% OFC Braid	Foamed Low Density Polyethylene	0.090	137.6	0.70	0.0033	Pearl White	
QUNEX® 1	4 x 0.21	Stranded 99.999% OFC	Aluminium	Low Density Polyethylene	0.152	109.2	0.76	0.0009	Pearl Purple	






Digital Audio Interconnects

Interconnect	Conductor Section (mm ²)	Conductor Material	Screening Material	Conductor Dielectric	Parallel Capacitance (pF/m)	Characteristic Impedance (Ω)	Finish	Actual Size
QUNEX® SIGNATURE 75	1 x 0.20	Solid Silver Plated 99.999% OFC	Aluminium Mylar + Double Silver Plated 99.999% OFC Braid	Low Density Polyethylene	60.0	75	Translucent Silver Clear	
QUNEX® SR75	1 x 0.48	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Double Silver Plated 99.999% OFC Braid	Foamed Low Density Polyethylene	65.0	75	Translucent Purple	
QUNEX® P75	1 x 0.19	Stranded 99.999% OFC	Aluminium Mylar + Double 99.999% OFC Braid	Low Density Polyethylene	61.0	75	Pearl Purple	



Digital Optical

Interconnect	Shield Material	Core Material	Jacket	Core Section (mm)	Finish	Actual Size
QUNEX® OT	High Density Fluoro Polymer	Fibre Optic PMMA	PVC	1.0Dia.	Metallic Grey	

Component Video Interconnects


Interconnect	Conductor Section (mm ²)	Conductor Material	Screening Material	Conductor Dielectric	Parallel Capacitance (pF/m)	Characteristic Impedance (Ω)	Finish	Actual Size
QUNEX® SIGNATURE CV1	3 x 1 x 0.20	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Dual 99.999% OFC Braid	Low Density Polyethylene	60	75	Translucent Clear	
QUNEX® SR-CV1 AND SR-CV2	3 x 1 x 0.50	Stranded Silver Plated 99.999% OFC	Aluminium Mylar + Dual 99.999% OFC Braid	Low Density Polyethylene	65	75	Translucent Pearl Grey	
QUNEX® P-CV1, P-CV2 AND P-CV3	3 x 1 x 0.20	Stranded 99.999% OFC	Aluminium Mylar + Dual 99.999% OFC Braid	Low Density Polyethylene	67	75	Pearl Grey	
QONTOUR® MSR-CV1 AND MSR-CV2	3 x 1 x 0.05	Stranded Silver Plated 99.999% OFC	Aluminium Mylar 99.999% OFC Braid	Low Density Polyethylene	67	75	Pearl Shimmer White	
QONTOUR® MP-CV1 AND MP-CV2	3 x 1 x 0.05	Stranded 99.999% OFC	Aluminium Mylar 99.999% OFC Braid	Low Density Polyethylene	66	75	Pearl White	

S-Video Interconnects

Interconnect	Conductor Section (mm ²)	Conductor Material	Screening Material	Conductor Dielectric	Parallel Capacitance (pF/m)	Characteristic Impedance (Ω)	Finish	Actual Size
QUNEX® SVS	2 x 0.10	Stranded Silver Plated 99.999% OFC	Stranded Silver Plated 99.999% OFC Braid	Low Density Polyethylene	76	75	Translucent Blue	
QUNEX® ESV	2 x 0.05	Stranded 99.999% OFC	Stranded Silver Plated 99.999% OFC Braid	Low Density Polyethylene	77	75	Pearl Blue	


Silver Reference Scart Interconnects

Interconnect	Conductor Type	Conductor Section (mm ²)	Conductor Material	Screen	Dielectric	Characteristic Impedance (Ω)
Silver Reference SQART AV®	Video (6 Cores)	0.05	Stranded Silver Plated 99.999% OFC	Double Braid Silver Plated 99.999% OFC	Foamed Low Density Polyethylene	75
	Audio	0.05	Stranded Silver Plated 99.999% OFC	Aluminium Mylar Wrap	Polyethylene	75


Actual Size 

QUNEX® Performance Scart Interconnects






Interconnect	Conductor Type	Conductor Section (mm ²)	Conductor Material	Screen	Dielectric	Characteristic Impedance (Ω)
Performance SQART AV®	top - Video (6 core) bottom - Audio	0.05mm top and bottom	Stranded 99.999% OFC	Top - Single Braid 99.999% OFC Bottom - Aluminium Mylar Wrap	Top - Foamed low density polyethylene Bottom - Polyethylene	75

Actual Size 


QUNEX® / QONTOUR® Broadcast Interconnects

Interconnect	Conductor Section (mm ²)	Conductor Material	Screening Material	Conductor Dielectric	Parallel Capacitance (pF/m)	Characteristic Impedance (Ω)	Finish	Actual Size
QUNEX® Broadcast Interconnect	2 x 0.80	Solid Silver Plated 99.999% OFC	Aluminium Mylar + Dual Silver Plated 99.999% OFC Braid	Foamed Low Density Polyethylene	58	75	Clear Translucent Silver	

Digital AV Interconnects

Interconnect	OD mm	Dielectric Strength	Insulation Resistance (Ω)	Characteristic Impedance (Ω)	Signal Crosstalk	Signal Intra-Pair Skew	Finish	Actual Size
QUNEX® Reference HDMI-SR	8	500V ac for 1 min	10M	100	5%	<85ps	Translucent Silver	
QUNEX® Reference HDMI-P	8	300V ac for 1 min	10M	100	5%	<150ps	Translucent Purple	
QUNEX® Performance DVI-P	8	300V ac for 1 min	10M	100	5%	<150ps	Translucent Purple	
QUNEX® Performance Q-Wire	6	100V ac for 1 min	100M	100	<-26dB	<0.8ps	Translucent Purple	
QUNEX® Performance USB-P	6	100V ac for 1 min	100M	N/A	N/A	N/A	Translucent Purple	

Mains Power Cable

Cable	Mode Of Operation	Conductor Section (mm²)	Conductor Material	Conductor Dielectric	Screen	Line Neutral Loop Resistance (Ω/m)	Earth Resistance (Ω/m)	Max Rated Voltage / Current	Finish	Actual Size
QONDUIT® MAINS POWER CABLE	Class 1 Mains lead	3 x 1.5mm	Stranded 99.999% OFC	PVC	Aluminium Mylar™ Foil, 99.999% OFC Braid	0.035	0.015	240V AC 13A	Translucent Black	

Glossary of Terms

To make a hi-fi cable that works correctly you don't need black magic. You don't need exotic theories and rare materials. But you do need good science. During 1994 QED conducted the most extensive ever scientific investigation into the effects of speaker cable on hi-fi system performance. You can read the results in the Genesis Report. You can hear the results whenever you listen to QED cables and interconnects.

99.999% Oxygen Free Copper Conductors

Oxygen content degrades the purity of copper. All QED cables feature Oxygen Free High Purity Copper conductors with purity of at least 99.999%. This gives significant audible improvements over standard grade TPC (Tough Pitch Copper) conductors, which have over 5 times the level of Oxygen found in QED cables.

Liner Crystal Copper Technology

The next higher grade of copper is Linear Crystal Copper. Using a special manufacturing process copper can be produced with a greatly reduced number of crystal boundaries, improving purity and reducing electrical resistance even further. LCC conductors give audible improvements over OFC conductors making it ideal for high resolution cables and interconnects.

Silver Plated 99.999% Oxygen Free Copper Conductors

SPOFC conductors provide even greater conductivity. It is less susceptible to oxidation it provides long term performance benefits. Sonically it helps to deliver superb resolution and delicacy, especially when used as part of a 'high-end' system.

Spiral Lay Stranding

Most cables have bunches of conductors with no defined geometric configuration. They need thicker insulation (dielectric) to allow for the variation in conductor diameter caused by this bunch stranding. QED Silver Anniversary cables feature Spiral Lay Stranding of the conductors which has more consistent shape allowing the use of thinner dielectric. This helps to minimise signal losses into the insulation.

True Concentric Stranding

The Profile Series takes stranding technology a step further. True Concentric Stranding uses hexagonally laid strands which means that only the minimum thickness of dielectric need be applied to maintain integrity of insulation. This further reduces signal losses to vanishingly low levels.

Low Density Polyethylene Insulation

Minimising the cable signal losses that occur between amplifier and speaker is crucial. QED Low Density Polyethylene Insulation is proven to dramatically reduce signal leakage.

Foamed Low Density Polyethylene Insulation

Air is probably the most stable and effective insulator known. By introducing air into the insulation, known as foaming, it further enhances it's effectiveness. Foamed Low Density Polyethylene Insulation is utilised wherever possible in the QUNEX® range to ensure near ideal signal integrity.

All QED cables have 'free space' designed into the cable profile. This ensures the conductors are wherever possible surrounded by the least amount of insulation, so sound quality is further enhanced.

X-Tube™ Technology

X-TUBE™ with Aircore™ technology is a genuine breakthrough in loudspeaker cable design. This cable range delivers many of the attributes of our world-renowned Genesis Silver Spiral cables - superb transparency, dynamics and control - in a more compact cable format. X-TUBE™ is designed to be the natural upgrade for anyone using QED's Silver Anniversary speaker cables or those simply wanting the best performance for their hi-fi or home theatre system.

The general thinking is: the thicker the cable, the better. This is true as far as bass frequencies are concerned, but one of the big problems as cable conductor size increases, is how to keep the inductance low. This is vital to reduce cable losses and prevent inaccuracies in the signal transfer process i.e. distortion. The normal way to do this is to use a number of individually insulated conductors within the cable construction. This method is utilised to great effect in the design of our Genesis Silver Spiral and Profile loudspeakers cables.

To achieve these design aims, but in a more conventional format, X-TUBE™ forms the conductor in the shape of a tube around an inner aircore. This has the same effect as using multiple insulated conductors and ensures that high frequencies are transmitted cleanly, with the added benefit of a more flexible cable.

Screening Braid

A screening braid is made up of a number of copper strands woven together to provide a screen against external noise. It can also be used as an effective signal return. This type of screening offers the advantage of a lower resistance but does not normally give 100% conductor coverage.

Aluminium Mylar Screening Foil

Sheet Mylar insulation with an Aluminised coating on one side is wrapped around insulated conductors like tape. It enhances screening by giving 100% coverage. It has high resistance and is difficult to terminate, therefore it is often used in conjunction with braid or drain wire.

Balanced Geometry

Balanced Geometry refers to the signal and return conductors being of the same type and of a symmetrical configuration. The twisted balanced configuration uses two conductors. When conductors are twisted together there is some cancellation of the sound degrading field surrounding each conductor, since the field inducing current in each conductor is flowing in opposite directions.

Quad Balanced Geometry

A quad balanced configuration utilises four separate conductors, two signal and two ground. Using four conductors reduces the resistance and inductance of the cable. The screen is always open ended i.e. not connected at one end, to ensure there is no current flow, causing asymmetry within the cable.

Selective Twist Rates

Twist rates are designed to enhance field cancellation, ensure consistent grouping, reduce inductance and minimise proximity effect. They also have a large effect on the flexibility of the cable. Carefully balancing of these elements drastically reduces cable induced distortions and ensures the cable is flexible enough to use!