



## QED Professional

QED Professional is a range of high quality cables and accessories designed to give the same performance and value as the traditional QED cables. This gives an assurance of better reliability and higher performance to both the integrator and the consumer.

Based on the award winning QED Silver Anniversary



High Profit  
High Performance  
Installation Cable

We recommend using

**AIRLOC**  
HIGH PERFORMANCE TERMINATION

3.4mm dia

### QED Silverline Five

Silverline Five is the professional, fully UL rated, installation version of the multi award winning and highly profitable QED Silver Anniversary speaker cable. It is the first and only cable to bring hi-fi purist performance to the installation arena.

Four silver plated rope laid central conductors with optimised geometrical spacing provide the best impedance figure for audio frequency signal handling. It is highly profitable, and adds real value to any installation.

#### Features:

- 4 x 99.999% Silver Plated Oxygen Free central conductors
- Works with QED AIRLOC speaker plugs
- Fully rated to UL13 Power Limited Cables
- Riser cable certified (CL3R)
- Dissipation Factor@10kHz: 0.0060
- Nominal outside diameter 3.4mm

Stock Code	Description
QE4100	QED SILVERLINE FIVE 150m



### AT1 Airloc Crimp Tool

AIRLOC Table Top Crimp Tool

Stock Code	Description
P-AT1	AT1 CRIMP TOOL



### 4MM PLUG

APNX/20: Tray of 20

(2 trays) (10 Red, 10 Black) Includes: 2.5 & 4.0mm shims, yellow & blue bands.

Stock Code	Description
P-APNX/20	APNX/20 AIRLOC PLUG



## LSOH (Low Smoke Zero Halogen).

### What does it mean and why is it better?

Most cables feature PVC insulation, some have a basic fire rating such as CL3, etc. Unfortunately, most cables give off hazardous toxic smoke during a fire, posing a very serious health risk. LSOH cables are made from a special compound that performs as well as PVC insulation, but crucially gives off very little smoke and no halogen toxins in the event of a fire.

Note: Many leading architects and builders are now specifying LSOH spec cables as standard. Plus commercial and marine markets, specify as standard.

Only LSOH cables meet the legislated fire specifications for boat installations.

#### Conforms to the following specifications:

**IEC 61034-1:2005** - Measurement of smoke density of cables burning under defined conditions.

**IEC 60332-1:2004** - Test for vertical flame propagation for a single insulated wire or cable.

**IEC 60754-2:1991** - (Amendment 1, 1997) test on gas evolved during combustion of electric cables.

**All cables provided in a Probox - a reel in a dispensing box for your convenience.**



## QXDAV1-FLX Audio/Video Co-ax Cable

For use with all QX59 quick-fit crimp-on connectors

A flexible high performance audio/video co-ax cable with a range of high performance quick-fit crimp-on termination solutions. It's ideal for most digital/analogue audio and video applications.

#### Features:

- True 75 Ohm high purity solid core centre conductor ensures signal integrity - even on longer runs
- Features close bond double screen of Aluminium Mylar and woven tinned copper braids for excellent noise rejection
- Clear/silver super flexible PVC sheath
- Sequentially metre marked
- Compatible with CM0690 Cable Stripper
- Supplied on 150m (492ft) reel

Stock Code	Description
QE4075	QXDAV1 - FLX 150 MTR BOX



## QXDAV1 Audio/Video Co-ax Cable

For use with all QX59 quick-fit crimp-on connectors

A high performance audio/video co-ax installation cable with a range of high performance quick-fit crimp-on termination solutions. It's ideal for most digital/analogue audio and video installations.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket. Exceeds IEC332-1, IEC60754-1 & IEC60754-2
- True 75 Ohm high purity solid core centre conductor ensures signal integrity - even on longer runs
- Features close bond double screen of Aluminium Mylar and woven tinned copper braids for excellent noise rejection
- Available in colour coded Lilac
- Sequentially metre marked
- Compatible with CM0690 Cable Stripper
- Supplied in 150m (492ft) Probox

Stock Code	Description
QE4070	QXDAV1 - LSOH 150 MTR BOX



## QX100 (CT100 Type)

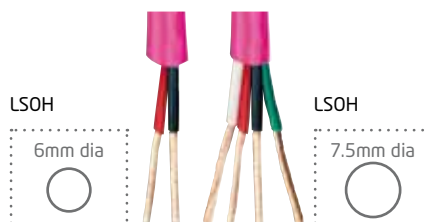
Co-ax Cable

A high quality cable manufactured to the industry standard CT100 type geometry. Ideal for professional TV & CCTV system installations including digital satellite, terrestrial and cable TV.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket.
- Exceeds IEC332-1, IEC60754-1 & IEC60754-2 LSOH fire rated outer sheath
- True 75 Ohm solid core conductor
- Dual screen of copper foil and woven braid for excellent noise rejection
- Low loss solid polyethylene dielectric
- Available in Black or White
- Sequentially metre marked
- Supplied in 100m (328ft) Probox

Stock Code	Description
QE4050	QX100 COAX LSOH WHITE 100M
QE4055	QX100 COAX LSOH BLACK 100M
QE4056	QX100 COAX LSOH BLACK 250M



## QX16/2 (Two Core Speaker Cable) QX16/4 (Four Core Speaker Cable)

The QX16/2 and QX16/4 are high performance installation speaker cables with the added bonus of a LSOH fire rated outer sheath. They are designed to deliver good levels of performance in most multi-room and home cinema installations.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket. Exceeds IEC332-1, IEC60754-1 & IEC60754-2
- Large cross sectional area of high purity copper conductors ensures good performance levels are maintained - even on longer runs
- Colour coded conductor sheaths
- Sequentially metre marked
- Supplied in 100m (328ft) Probox & on 300m (984ft) reel

Stock Code	Description
QE4010	QX16/2 CABLE 100M BOX
QE4015	QX16/2 CABLE 300M REEL
QE4020	QX16/4 CABLE 100M BOX
QE4025	QX16/4 CABLE 300M REEL



## QX1CV-SC Miniature Audio/Video Co-ax Cable

For use with QX15 RCA & BNC quick-fit crimp-on connectors

A miniature high performance co-ax installation cable perfect for most digital/analogue audio and video installations.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket Exceeds IEC332-1, IEC60754-1 & IEC60754-2
- True 75 Ohm high purity solid core centre conductor ensures signal integrity - even on longer runs
- Features close bond double screen of Aluminium Mylar and woven tinned copper braids for exceptional noise rejection
- Available in colour coded White
- Sequentially metre marked
- Compatible with CM0690 Cable Stripper
- Supplied in 200m (656ft) Probox

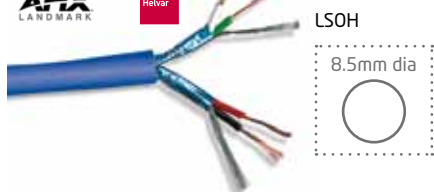
Stock Code	Description
QE4030	QX1CV-SC CABLE 200M BOX



## QED Professional

Pure Design Pure Performance

UK Approved



LSOH

8.5mm dia



### QXHA1 Home Automation Cable

The QXHA1 is a high performance combined data and power cable suitable for a range of home automation and lighting control systems including: Lutron Grafik Eye, Helvar, Crestron Cresnet and AMX.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket. Exceeds IEC332-1, IEC60754-1 & IEC60754-2 LSOH fire rated outer sheath
- Cable comprises: 2 x Screened twisted pair data/power cables with each pair having a separate Aluminium Mylar shield for excellent separation and noise rejection
- Industry standard conductor colour coding
- Sequentially metre marked
- Available in colour coded Blue
- 100m (328ft) Probox with job ticket

Stock Code	Description
QE4080	QXHA1 - LSOH 100 MTR BOX



LSOH

6.5mm dia



### QXCAT5E Cat5e (FTP)

#### Screened Data Cable

A high quality screened Cat5 enhanced data networking cable with the added bonus of a LSOH fire rated jacket. Perfect for Systemline S6.2 and any multi-room and data system designed to run on screened (FTP) Cat5e cable.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket. Exceeds IEC332-1, IEC60754-1 & IEC60754-2 LSOH fire rated outer sheath
- Certified Cat5e performance
- Industry standard conductor colour coding
- Features superior Aluminium Mylar screen for excellent noise rejection
- Available in colour coded Yellow
- Sequentially metre marked
- Supplied in 200m (656ft) Probox

Stock Code	Description
QE4060	QXCAT5e FTP LSOH YELLOW 200M



LSOH

9.5mm dia



### QX3CV-SC Three Core Co-ax Video Cable

#### For use with QX15 RCA & BNC quick-fit crimp-on connectors

The QX3CV-SC is primarily designed for use as a high quality component video (YUV) installation cable - perfect for LCD/Plasma & Projector installs. Its 75 Ohm impedance and excellent noise rejection over long runs also make it suitable for distributing a range of other video signals including: S-Video (YC) and composite video.

#### Features:

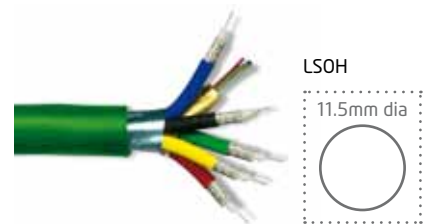
- LSOH (Low Smoke Zero Halogen) High Performance outer jacket. Exceeds IEC332-1, IEC60754-1 & IEC60754-2
- True 75 Ohm high purity solid core centre conductor ensures signal integrity - even on longer runs
- Features outer Aluminium Mylar screen and individual screens of woven tinned copper braids for excellent noise rejection

- Available in colour coded Orange
- Sequentially metre marked
- Compatible with QED Cable Stripper (CM 0690)
- Supplied in 100m (328ft) Probox

Stock Code	Description
QE4035	QX3CV-SC CABLE 100M BOX

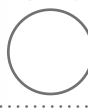
#### One Cable does it all.

Typically a projector could be cabled using just one run of QX5CV to provide a Component (YUV) connection, an S-Video (YC) connection and RS232 or IR control connections.



LSOH

11.5mm dia



### QX5CV-SC Five Core

#### (Co-ax Video + 2 Twisted Pair Data Cable)

#### For use with QX15 RCA & BNC quick-fit crimp-on connectors

QX5CV, designed for the professional installer - a compact one cable solution to all high-end projector and flat screen installs. This one cable literally does it all - component (YUV), S video (YC) and RS232 or IR, all in one easy run (see below). The QX5CV exhibits excellent noise rejection even over long runs.

#### Features:

- LSOH (Low Smoke Zero Halogen) High Performance outer jacket. Exceeds IEC332-1, IEC60754-1 & IEC60754-2
- True 75 Ohm high purity solid core centre conductor ensures signal integrity - even on longer runs
- Features outer Aluminium Mylar screen and individual screens of woven tinned copper braids for excellent noise rejection

- Available in colour coded Green
- Sequentially metre marked
- Supplied in 50m (164ft) Probox & on 100m (328ft) reel

Stock Code	Description
QE4040	QX5CV-SC CABLE 50M BOX
QE4045	QX5CV-SC 100M DRUM RD8810

#### Possible Usage/Applications

Signal	Connection/Type	Suggested Conductor Usage
Video	1 x S-Video (YC)	2 x co-ax cables (Black & Yellow)
	1 x Component (YUV)	3 x co-ax cables (Red, Green & Blue)
Video + Data	1 x VGA	5 x co-ax cables or 3 x co-ax and twisted pairs
	1 x RGBHV	5 x co-ax cables or 3 x co-ax and twisted pairs
	1 x RGBS	4 x co-ax cables (1 x co-ax and twisted pairs spare)
	1 x RGSB	3 x co-ax cables (2 x co-ax and twisted pairs spare)
Video	1 x Component (YUV)	3 x co-ax cables (2 x co-ax and twisted pairs spare)
	1 x S-Video	2 x co-ax cables (3 x co-ax and twisted pairs spare)
Control	Crestron	Twisted pairs (5 x co-ax spare)
	RS232	Twisted pairs (5 x co-ax spare)
	IR or Trigger	Twisted pairs (5 x co-ax spare)



## Quick-fit-on Connectors



### QX59 F

For use with new QXDAV1 & QXDAV1-FLX -F connector satellite dishes and RF connection. (Supplied in packs of 50)

Stock Code	Description
CM0660	QX59 - COAX F (50 pack)



### QX59 BNC

For use with new QXDAV1 & QXDAV1-FLX - BNC plugs for audio and video (Supplied in packs of 50)

Stock Code	Description
CM0655	QX59 - BNC (50 pack)



### QX59 RCA

For use with new QXDAV1 & QXDAV1-FLX - phono plugs for audio and video. (Supplied in packs of 50)

Stock Code	Description
CM0650	RCA (50 pack)



### QX59 RCA Nickel

For use with new QXDAV1 & QXDAV1-FLX. (Supplied in packs of 25)

Stock Code	Description
CM0652	QX59 - RCA NICKEL (25 pack)



### QX59 CO-AX Female

Gold plated. For use with new QXDAV1 & QXDAV1-FLX. (Supplied in packs of 50)

Stock Code	Description
CM0662	QX59 - COAX F (50 pack)



### QX59 CO-AX Male

Nickel plated. For use with new QXDAV1 & QXDAV1-FLX. (Supplied in packs of 50)

Stock Code	Description
CM0663	QX59 - COAX M (50 pack)



## Linear Compression Tool

For all plugs (except new Contractor One Piece RCA). Comes with gold tip (NB. Remove tip for BNC termination).

Stock Code	Description
CM0680	LINEAR COMPRESSION TOOL



## Cable Stripper

For use with QXDAV1, QXDAV1-FLX and new QX1CV-SC, QX3CV-SC & QX5CV-SC.

Stock Code	Description
CM0685	CABLE STRIPPER RGB
CM0690	CABLE STRIPPER*

For use with QXDAV1, QXDAV1-FLX only\*



## ID COLOUR BANDS

For use with all connectors.

(FSCR - R/B/W/G/Y/BK)

Available in red, green, blue, yellow, white and black. (Supplied in packs of 100 x 6 colours)

Stock Code	Description
CM0675	ID BANDS SET (100 PACK)





## QED Professional

HD Distribution Solutions



### HDMI Signal Extender

The QED HDMI signal extender is a high performance signal booster that allows standard and High Definition HDMI signals to be sent over runs up to 50m in length. For signal runs under 40m in length no external power supply is required.

**Features:**

- HDCP compliant (High-Bandwidth Digital Content Protection)
- Easy installation
- Can be used with DVI-D signals via an adaptor (picture only)
- Power supply supplied

Stock Code	Description
A-HDMIEX	QED HDMI SIGNAL EXTENDER



### HDMI Over CAT5 Converter

The QED Professional HDMI over Cat5 solution allows HDMI picture and sound signals to be converted to and from Cat5 for lengths of up to 150m. Perfect for large scale home cinema distribution, the product supports HD resolutions up to and including 1080p.

When used with other QED Professional products, such as the HDMI 4x4 Matrix, this Cat5 conversion solution will allow multiple sources to be distributed over long distances.

**Features:**

- HDCP compliant
- Supports full 1080p at 50/60hz resolution
- Deliver HD picture and sound signals up to a length of 150m
- Compatible with Cat5, Cat5e and CAT6 cables
- Easy to install
- 5V DC power supply
- Equaliser control for signal strength adjustment
- Gain control for brightness adjustment

**Specification:**

- Transmitter & receiver dimensions (WxHxD): 123 x 125 x 30mm
- Weight: 700g

Stock Code	Description
A-HDMI-CAT5	QED PRO HDMI OVER CAT5 CONVERTOR

We recommend using CAT6 cable



SY1000 Matrix Switcher Front



SY1000 Matrix Switcher Front



SY1000 HDMI Receiver

### HD 4x8 way Matrix Switcher

- 4 x 8 way full HD Matrix via two cat5/6 cables
- Supporting all HD formats including 1080p, 1080i, 720p and Blu-ray compatible sources, max run 50m. No more than 50m
- Outputs over twin Cat5/6 cables
- IR control via supplied remote, either via matrix switch or display location via IR receivers through Multi-room control system
- Discrete IR control of source equipment available from display location via IR receivers
- Multiple SKY HD compatible (without additional equipment)
- RS232/RS485 control port for integration with control systems

- Quick time HDCP negotiation between sources (2-3 seconds depending on display)
- Records HD version of screens allowing 1.3b sources to be used with 1.1 and 1.2 displays
- HDCP compliant with most displays and sources & compatible with all the latest HDMI standards
- 1u 19" rack mount with brackets supplied for Free Standing
- Supported audio formats include Dolby 7.1, DTS-HD & Dolby True HD
- Compatible with Systemline S6.2 and modular systems

Stock Code	Description
SY1000	HDMI 4X8 WAY MATRIX SWITCHER
SY1010	HDMI RECEIVER

Compatible with

