



AV Connectivity & Cabling Solutions

AV Connectivity & Cabling Solutions

CIE-Group - one of the UK's most experienced suppliers of high quality and unique Audio Visual products - now introduce a brand new range of cable and connectivity solutions for the professional installation sector.

Ease and quality of installation are, of course, essential requirements for the AV project engineer and installer - a key element reflected in our exciting new product range which includes innovative solutions such as time-saving VGA ferrule cables, solderless termination systems and easy-install XLR and IEC connectors.

In addition to our vast range of standard stock products, CIE-Group specialise in custom solutions to meet your specific technical/branding requirements. We would welcome the opportunity to discuss your needs, to assist in the development of the right product at the right price for your application.

Please see our 'Custom Solutions' section (page 14) for examples of our bespoke solution capabilities.



T: 0115 9770075
E: components@cie-group.com

F: 0115 9770081
W: www.cie-group.com/components

'Your ideas become reality
in custom and bespoke
connectivity solutions'



www.cie-group.com/components

Cables & Connectors



04 AV Faceplates & Faceplate Kits



06 VGA Cables (Including Easy-Install, Low Profile & Premier Grade versions)



07 3.5mm Pre-Made Cables



08 Phono (RCA) Pre-Made Cables



09 Whiteboard USB & Mains Cables



10 Signal Distribution (Including VGA Splitters, Distribution Amplifiers & Cable Extenders)



12 Installation Cables (Including Mic, Speaker, RG, URM & Mains Cables)



13 Connectors



14 Bespoke / Custom Products



AV Faceplates



Single-Gang AV Plate

- 1 x Easy-Install, solderless VGA HD15F (VGAPCBUNITNEW)
- 4 x RCA audio sockets – 2 x left plus 2 x right
- 1 x RCA video socket

See pages 6~8 for suitable VGA installation cables.

Part Number:

- 1GEIAVPLT



Double-Gang AV Plate

- 2 x Easy-Install, solderless VGA sockets (VGAPCBUNITNEW)
- 2 x RCA audio sockets left and right
- 1 x RCA video socket
- 1 x 3.5mm PC audio socket
- 1 x USB B Male to USB B Female 3m whiteboard flying lead
- 1 x RJ45 back-to-back socket

See pages 6~8 for suitable VGA installation cables.

Part Number:

- 2GEIAVPLT



Solderless VGA Module

For use with CIE-Group Easy-Install VGA Cables (VGA-FRL-xxM) on page 7, this solderless VGA module can be installed into your own equipment or plate as required.

The module incorporates a HD 15W female D type and rear screw terminals for quick and easy installation on site. Supplied complete with a clear, easy to use wiring diagram.

Part Number:

- VGAPCBUNITNEW

Many AV installations require wall-mounted interconnection plates to allow equipment to be interfaced together as required.

Quality built and designed with ease of installation in mind, our wide range of faceplates are ideal for use in most applications.



Single-Gang Basic VGA Plate

1 x Easy-Install, solderless VGA plate HD15F (VGAPCBUNITNEW), with rear screw terminations.

Ideal for use with our Easy-Install VGA cables – see page 7

Single-Gang RCA Plate

- 2 x RCA audio sockets left and right
- 1 x RCA composite video socket

Solder connections at the rear

Part Number:

- AVPLATE1

Part Number:

- AVPLATE2

Full price list available upon request.

AV Faceplate Kits

To make the ordering and installation process even easier, we've developed a range of AV Faceplate Kits which are ideal for use in many system installations.



Single-Gang Faceplate Kit

- 1 x Single-gang AV faceplate (1GEIAVPLT)
- 1 x VGA cable 15m with easy route ferrule ends (VGA-FRL-15.0M)
- 2 x Twin RCA audio cables 15m (2XRCA-FE15MRDWH)
- 1 x RCA video cable 15m (RCAYELW-FREE15M)

Part Number:

- VGAKIT-1G-15M



Double-Gang Faceplate Kit

- 1 x Double-gang AV faceplate (2GEIAVPLT) incorporating a 3m whiteboard USB B cable
- 2 x VGA cable 15m with easy route ferrule ends (VGA-FRL-15.0M)
- 1 x Twin RCA audio cables 15m (2XRCA-FE15MRDWH)
- 1 x RCA video cable 15m (RCAYELW-FREE15M)

Part Number:

- VGAKIT-2G-15M

Bulk Bespoke Faceplate Kits

If you require a customised AV Faceplate Kit and are ordering 100+ (maybe on a call-off order), then please contact us on **0115 9770075** for a highly competitive quotation backed by excellent attention to detail. We'll help you produce the exact Kit you require...





VGA Cables

A comprehensive range of pre-made VGA cables to suit most requirements, including Male-to-Male cables, Male-to-Female cables, Male-to-Easy-Install free ends, Low Profile and Premier Grade versions, in lengths varying from 0.5m through to 20.0m.



Male-to-Male VGA Cables
15 way Male-to-Male VGA cable.

Part Numbers:

- **TSVGALEAD0.5M:** - 0.5m
- **TSVGALEAD1.0M:** - 1.0m
- **TSVGALEAD2.0M:** - 2.0m
- **TSVGALEAD3.0M:** - 3.0m
- **TSVGALEAD5.0M:** - 5.0m
- **TSVGALEAD10.0M:** - 10.0m
- **TSVGALEAD15.0M:** - 15.0m
- **TSVGALEAD20.0M:** - 20.0m



Male-to-Female VGA Cables
15 way Male-to-Female VGA cable.

Part Numbers:

- **TSVGALEAD0.5M/F** - 0.5m
- **TSVGALEAD5.0M/F** - 5.0m
- **TSVGALEAD15.0M/F** - 15.0m



Low Profile Male-to-Male VGA Cables

At almost half the size of the standard VGA moulding, Low Profile VGA cables are unobtrusive, yet attractively designed. Ideal for use in areas of high visibility.

Part Numbers:

- **LPVGA-M/M-1.0M** - 1.0m
- **LPVGA-M/M-3.0M** - 3.0m
- **LPVGA-M/M-5.0M** - 5.0m



• Low Profile VGA Moulding compared to Standard Size VGA Moulding



Easy-Install VGA Cables

Easy-Install Male VGA-to-Ferrule Free ends.

Ideal for use with the CIE-Group AV Wall Faceplates or Solderless VGA modules (see page 4), these cables allow the VGA cable to be routed through tight spaces/conduit and then quickly terminated at the faceplate without the need to solder, helping to dramatically reduce installation times. The cables consist of 3 coax cores, 5 signal wires plus a screen wire.

Part Numbers:

- **VGA-FRL-1.0M** - 1.0m
- **VGA-FRL-5.0M** - 5.0m
- **VGA-FRL-10.0M** - 10.0m
- **VGA-FRL-15.0M** - 15.0m
- **VGA-FRL-20.0M** - 20.0m



Premier Grade VGA Cables

Male-to-Male and Male-to-Female Premier Grade VGA Cable.

Utilising high quality, high performance cable, these Premier Grade blue sheathed VGA cables are suitable for use in the most demanding of applications.

Part Numbers:

- **SVGAPREM2.0M/M** - 2.0m
- **SVGAPREM10.0M/M** - 10.0m
- **SVGAPREM15.0M/M** - 15.0m
- **SVGAPREM0.5M/F** - 0.5m
- **SVGAPREM2.0M/F** - 2.0m

3.5mm Pre-Made Cables

A range of 3.5mm plug cables, ideal for use with most AV installations and particularly suitable for the CIE-Group range of quality faceplates.

Normally used to carry PC audio, the range includes plug-to-plug ends, plug-to-ferrule ends and plug-to-free end cables, ready to be terminated on the rear of a faceplate.

3.5mm Pre-Made Cables

Part Numbers:

3.5mm stereo plug-to-plug lead

- **3.5STRLEAD3.0M** - 3.0m
- **3.5STRLEAD5.0M** - 5.0m
- **3.5STRLEAD15MTR** - 15.0m

3.5mm stereo plug-to-bootlace ferrule lead

- **3.5STRLD-FRL10M** - 10.0m
- **3.5STRLD-FRL15M** - 15.0m

High quality 3.5mm stereo plug-to-free end

- **35HR07884X** - 2.0m

High quality 3.5mm stereo plug-to-plug lead

- **35HR07235X** - 1.8m

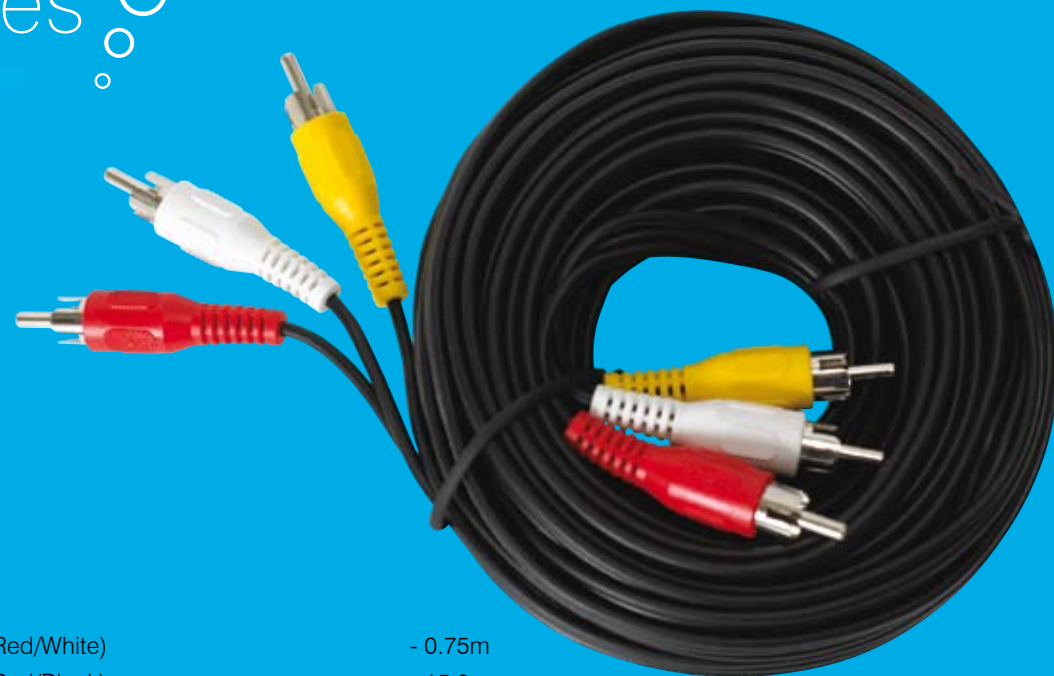


Full price list available upon request.

Phono (RCA) Pre-Made Cables

A range of RCA cables ideal for use with most AV installations and particularly suitable for use with the CIE-Group range of faceplates.

The range includes plug-to-plug cables in 1, 2 & 3 way versions, as well as plug-to-free end cables, ready to be terminated on the rear of a faceplate.



Plug-to-Free End RCA Cables

Part Number:

- **2XRCA-FE10MRDWH**
2 x RCA (1 red / 1 white) to Free End - 10.0m
- **2XRCA-FE15MRDWH**
2 x RCA (1 red / 1 white) to Free End - 15.0m
- **RCAYELW-FREE10M**
1 x RCA (yellow) to Free End - 10.0m
- **RCAYELW-FREE15M**
1 x RCA (yellow) to Free End - 15.0m

RCA Plug-to-RCA Plug Cables

Part Number:

- | | | |
|--------------------------|--|---------|
| • 2RCA-2RCA0.75M | 2 x RCA to 2 x RCA (Red/White) | - 0.75m |
| • 2XRCAREDBLK15M | 2 x RCA to 2 x RCA (Red/Black) | - 15.0m |
| • 3XRCA-3XRCA1.5M | 3 x RCA plugs to 3 x RCA plugs (Gold) Red / Yellow / Black | - 1.5m |
| • 3XRCA-3XRCA3.0M | 3 x RCA plugs to 3 x RCA plugs (Gold) Red / Yellow / Black | - 3.0m |
| • 3XRCA-3XRCA5.0M | 3 x RCA plugs to 3 x RCA plugs (Gold) Red / Yellow / Black | - 5.0m |
| • 3XRCA-3XRCA10M | 3 x RCA plugs to 3 x RCA plugs (Gold) Red / Yellow / Black | - 10.0m |
| • 3XRCA-3XRCA15M | 3 x RCA plugs to 3 x RCA plugs (Gold) Red / Yellow / Black | - 15.0m |
| • 3XRCA-RYW0.75M | 3 x RCA plugs to 3 x RCA plugs Red / Yellow / White | - 0.75m |
| • 3XRCA-RYW1.5M | 3 x RCA plugs to 3 x RCA plugs Red / Yellow / White | - 1.5m |
| • 3XRCA-RYW2.0M | 3 x RCA plugs to 3 x RCA plugs Red / Yellow / White | - 2.0m |
| • 3XRCALEAD10MRYW | 3 x RCA plugs to 3 x RCA plugs Red / Yellow / White | - 10.0m |
| • 3XRCALEAD15MRYW | 3 x RCA plugs to 3 x RCA plugs Red / Yellow / White | - 15.0m |



• RCA Plug to RCA Plug Cables

Whiteboard USB & Mains Cables

Interactive Whiteboard USB Cable

USB 'B' panel mount Male to USB 'B' cable Female - 3m

Part Number:

- **USB-BML-BFMPN3M**



Mains Cords

A selection of standard 5A fused Mains Cords to suit most AV installations.

Part Numbers:

- **CCC600** UK wall plug (5A fused) to IEC Female - (0.75mm sq) 1.9m
- **CCC280** UK wall plug (5A fused) to IEC Female - (1.0mm sq) 5.0m
- **CCC001** IEC extension lead – Male to Female - (0.75mm sq) 2.0m



Signal Distribution



VGA Splitters

These high quality VGA splitters featuring compact design and magnetic base are amongst our best sellers. Available in 2, 4 and 8 way versions (which can be daisy-chained) and easy to install, they are the ideal solution to your multi-point VGA requirements.

Part Numbers:

- **CIEVS-201H** 2 Port VGA Splitter
- **CIEVS-401H** 4 Port VGA Splitter
- **CIEVS-801H** 8 Port VGA Splitter



USB 1.1 Extender Kit

To overcome the normal 15ft cable limitation, this USB Extender Kit enables your USB device to be sited up to 150ft from your computer. The units comprise of embedded USB transceivers at both ends to prevent signal loss and enable normal CAT5/5e/6 cabling to be used to provide a highly efficient solution.

Part Number:

- **USBEXTKIT** USB 1.1 Extender Kit



KVM Switch Boxes

Suitable for controlling multiple computers from 1 keyboard, mouse and monitor, these USB 2.0 KVM Switches come loaded with features such as hot key control, push button control, auto-scan and support for extra USB type A ports (which allows the user to share more USB peripherals). VGA resolution 2048 x 1536 - Bandwidth 400MHz.

Part Numbers:

- **CIEKVM-102UHE** 2 Port USB Switch
- **CIEKVM-104UHE** 4 Port USB Switch



Video Distributor Amplifiers

Ideal for use in retail and audio visual installations, or any application requiring the duplication and distribution of high quality video signals.

Features high quality BNC type connectors (1~2Vpp / 75ohm) for video signal input and video signal output, plus a fixed mains lead on the rear. Optional 19" rack kits are also available.

Part Numbers:

- **TD 104** 1in~4out
- **TD 204** 1in~8out or 2in~4out
- **TD 408** 1in~8out, 2in~4out or 4in~2out
- **TD 816** 2in~8out, 4in~4out or 8in~2out





Audio Video Matrix Switch Box

A simple yet effective 8 input/8 output Audio and Video Matrix unit, allowing selection and allocation of separate audio and video sources.

This incredibly cost effective, 19" rack mounting unit uses simple selection switches and highly visible LED display panel on the front panel to show which input (audio and video) is routed to which output. Alternatively, control of the unit may be made using RS232 via Crestron, AMX or Extron systems or equivalents, via a 9pin D type connector.

Units may also be cascaded to increase the flexibility and applications of the devices using the serial connector on the rear.

Part Number:

- **VAMS-0808**

8 input, 8 output Audio and Video Matrix unit



Installation Cables

We stock a wide range of installation cables ideal for use in AV installations, including the high quality WEST PENN WIRE range from the USA, as well as a variety of other cables commonly used in AV installation.



• RG59



• URM70



• 5XRG179LSFGREY



• 16-2-2C

Part Numbers:

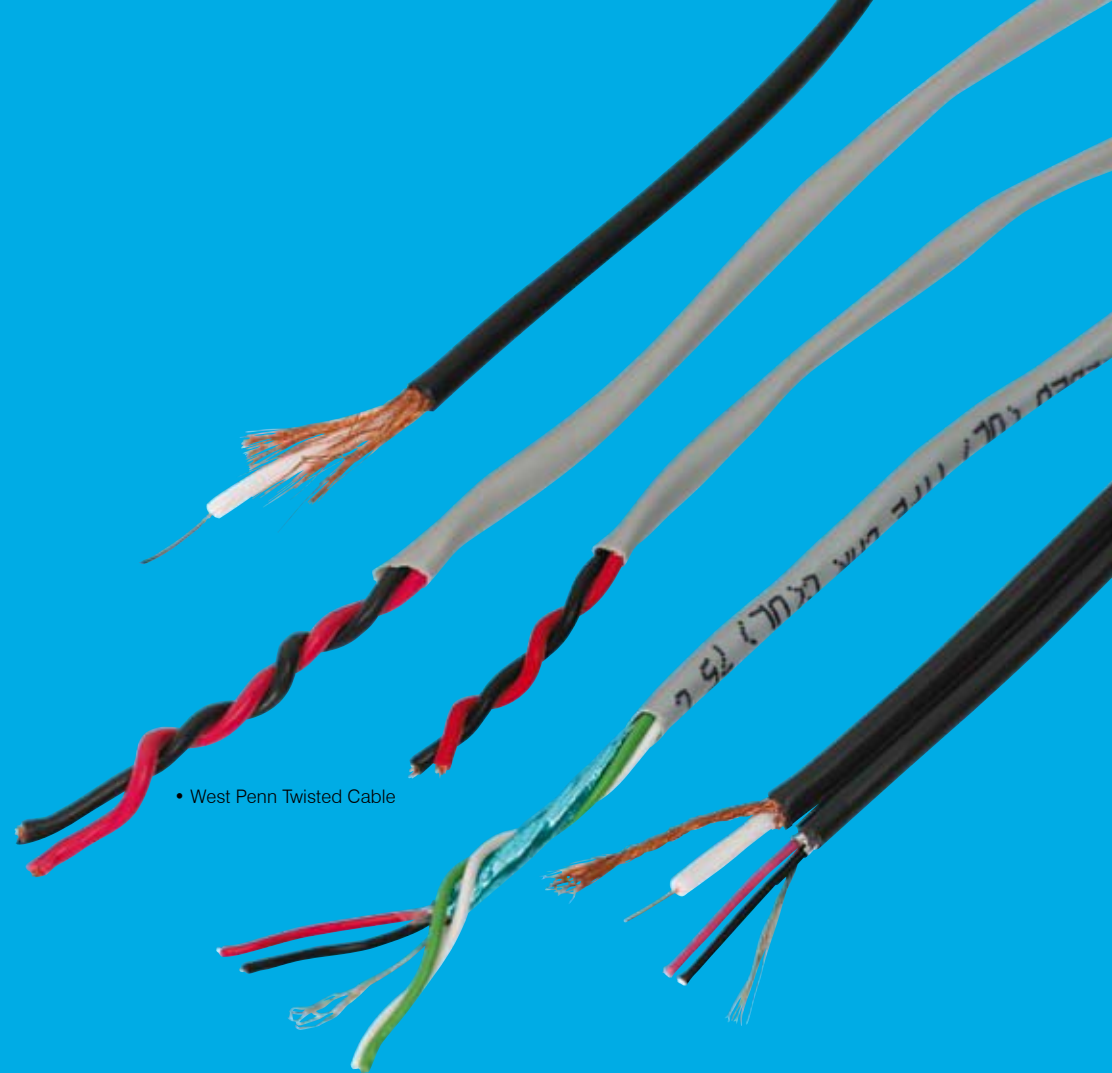
RG59	RG59/U Co-axial Cable, black sheath	- 100m reel
URM70	URM 70 75ohm Co-axial Cable, black sheath	- 100m reel
5XRG179LSFGREY	5 Core RG179 Co-axial Cable - low smoke fume, grey sheath	- 100m reel
16-2-2C	16/0.2mm 2 Core screened to DEF-STAN 61-12, black sheath	- 100m reel
3182Y	2 Core cable, 0.75mm sq (24/0.2mm) 6A rated, black sheath	- 100m reel
3183Y	3 Core cable, 0.75mm sq (24/0.2mm) 6A rated, black sheath	- 100m reel



• 3182Y



• 3183Y



• West Penn Twisted Cable

Part Numbers:

224-1000*	West Penn Twin Twisted Speaker Cable (Approx 1.0mm sq)	- 305m Box
225-1000*	West Penn Twin Twisted Speaker Cable (Approx 1.5mm sq)	- 305m Box
226-1000*	West Penn Twin Twisted Speaker Cable (Approx 2.5mm sq)	- 305m Box
291-1000*	West Penn Twisted Pair Microphone Cable (Approx 0.5mm sq)	- 305m Box
293-1000*	West Penn Twisted Pair Microphone Cable (Approx 1.0mm sq)	- 305m Box
357-1000*	West Penn 2 x Twisted Pair Mic Cable (Approx 0.22mm sq)	- 305m Box

Connectors



IEC Re-Wireable Connectors

We've all encountered the frustration of trying to wire up a re-wireable IEC connector on site; you either lose the contacts that drop out all too easily, struggle to correctly locate the bare wire under the screw terminal or the cable clamp goes missing.

Help is at hand - these are without doubt, the most user-friendly, re-wireable IEC connectors around; an absolute joy to use.

Part Numbers:

- **4732.0000** Re-wireable IEC Male
Easy-Install design
- **4782.0000** Re-wireable IEC Female
Easy-Install design



Miscellaneous Connectors

We stock a vast range of connectors and cables, so if you haven't seen what you require please do not hesitate to contact us.

Part Numbers:

- **GEN/SLIM/15/HDF**
VGA HD 15 way D type, Female-to-Female gender changer
- **GEN/SLIM/15/HDM**
VGA HD 15 way D type, Male-to-Male gender changer
- **GEN/SLIM15/HDM/F**
VGA HD 15 way D type, Male-to-Female Port Saver



XLR Connectors

Are you using cable XLRs comprising of maybe four component parts to assemble (and lose!)?

These TWO piece XLRs from Switchcraft USA have revolutionised the installation market.

Tests have shown that the time taken to assemble these XLRs can be reduced by as much as 60% when compared to other brands.

The metal handle versions are particularly robust as well as being aesthetically pleasing and, combined with the very attractive price tag, makes for an unbeatable solution.

Part Numbers:

- **AAA3F**
3 Pole female cable XLR, robust metal handle
- Easy-Install design
- **AAA3M**
3 Pole male cable XLR, robust metal handle
- Easy-Install design
- **AAA3FP**
3 Pole female cable XLR, black plastic handle
- Easy-Install design
- **AAA3MP**
3 Pole male cable XLR, black plastic handle
- Easy-Install design

Custom Products

We understand that not every project is 'standard' or that to set your company apart you may wish to customise items with your company logo or maybe you require a special configuration on a faceplate.

These are just a few examples of how the capability and flexibility of our specialist bespoke service has already benefited many of our key AV integration customers...

Please do not hesitate to contact us with any bespoke requirements you may have.



Would you like us to hold buffer stocks ready for immediate dispatch?

Our modern, on-site warehouse facilities consistently hold approximately £1 million worth of stock to supply the UK audio visual market. We would be very happy to discuss holding buffer stock to ensure your specific product requirements can be met for immediate delivery.



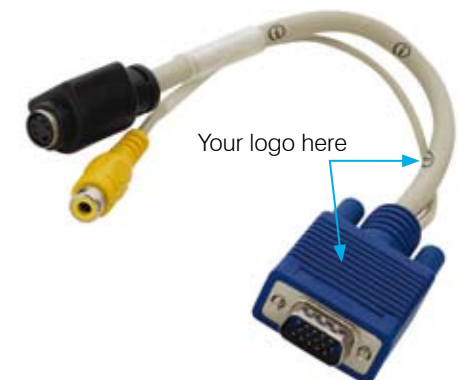
Do you need bespoke cables produced to your spec?

Our project management services also allow for full consultation/design/manufacture of bespoke cable assemblies to meet the specific requirements of your installations or products. We have consistently surprised many customers with our ability to provide an alternative cable/connector solution to provide both significant cost savings and faster, easier installation.



Would you like your company logo on your cables or connector mouldings?

Cable reels and cable assemblies can be supplied printed with your company branding where required. This can provide both a professional finish to your installations and also allow for telephone/web contact details to be included for future business opportunities.



'Your ideas become reality in custom and bespoke connectivity solutions'



Do you use over 100 pieces of any faceplate or kit of parts and need it customising?

We will provide faceplates/kits to your own specification, straight from the pack and ready to install without any 'remanufacture' requirements from your own installers/engineers.

Would it be more convenient to have all your cables in one loom?

Many of the UK's leading manufacturers and AV integrators benefit from bespoke-built full cable looms from CIE-Group, ensuring fast, efficient and tidy project results.



AV Connectivity & Cabling Solutions



T: 0115 9770075 F: 0115 9770081 E: components@cie-group.com W: www.cie-group.com/components
CIE-Group Widdowson Close Blenheim Industrial Estate Bulwell Nottingham NG6 8WB


cie-group
integrated system solutions