



**Cambridge Electronic Industries**

## **Interconnection Solutions**

### ***6GHz and 12GHz Cabling Systems for Vision Broadcast Applications***

- **Optimised for 6G-SDI and 12G-SDI Broadcast Applications**
- **Coaxial inter-series connection options for BNC, MicroBNC, DIN 1.0/2.3 and more**
- **Straight, Right Angle, Bulkhead Jack and Plug terminations**
- **Looms and Harnesses offering wide mix of multi-pin connector interface types**
- **Customised Cabling with Labelling, Identification Symbols, Special Colour Coding etc**
- **Specialist Panels, Enclosures, Test Jigs**



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**CoaxVision™**



# Cambridge Electronic Industries Ltd

## System Connections Division

### 6GHz and 12GHz RF/Coaxial Cabling Systems for High Definition High Speed Video Broadcast Applications.

#### *Inter-Series Cabling Systems*

Frequently there is a requirement to interface other connector styles within the same applications. System Connections uses precision components and high quality cables from world leading branded manufacturers to produce these Coaxial Inter-Series Cable Adapters and Patch Leads. Optimised for connecting, interfacing and patching equipments to High Speed, High Definition Vision Networks, they meet the needs of HD and UHD TV broadcasters.



#### *Standard and Custom Versions*

Available in varying combination of BNC, Micro BNC and DIN 1.0/2.3 styles, assemblies are made to customer order with no minimum order quantity for special lengths - popular types are available from stock. Cable can also be further customised by colour coding, bespoke labelling and special marking to suit customer requirements.

### Looms and Harnesses for High Definition High Speed Video Broadcast Applications.

#### *Power or Signal Connector Options*

Often there is a requirement to connect power, data and video along the same transmission path. System Connections will design Looms / Harnesses to customer specification, consisting of a variety of RF coaxial connector combinations together with additional power or other signal connectors to meet special requirements. The looms/harnesses can be made using braid sleeving, flexible conduits or special materials such as composite cable for use indoors, clean rooms or ruggedised for outdoor applications.



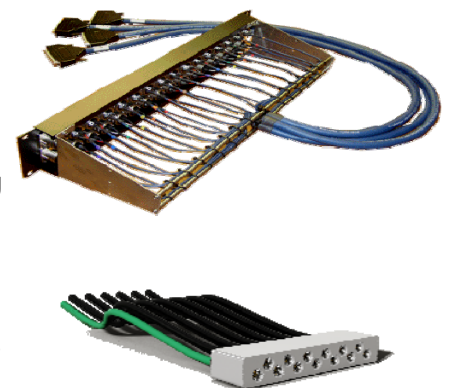
#### *Sub-miniature D Connectors*

Optional Mixed Layout D Sub-miniature connectors (e.g. 5W5 with coaxial inserts) are also available providing Signal, Coaxial and Power in a single connector shell.

### Specialist Solutions for High Definition High Speed Video Broadcast Applications

#### *Product Integration*

There are many situations when an integrated solution is required. This requires a detailed understanding of the functioning of transmission paths. System Connections has a wealth of knowledge in the design and production of data communication channels in networking systems. Its design team, with the use of the latest computer aided design and construction tools, is able to undertake special projects and provide effective packaged solutions. This, combined with the knowledge of its skilled production staff working to IPC-620 and ISO 9001-2008 standards, enables fast delivery of packaged integrated solutions such as Panel and Enclosure Constructions, Cabling Systems, Testing Jigs and many more.



If you have a project which will benefit from an integrated solution contact our design team to find out how System Connections can help.

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