

## Low Noise Sensor Cable Range

(July 2021, for immediate release)

Kemo Ltd is pleased to announce the launch of a new range of cable assemblies for sensor and instrumentation applications.

The cables have been developed in association with some of Kemo's key customers to overcome issues with poor quality cables from other suppliers which have caused noise issues in measurement systems, particularly when using charge output sensors and other devices such as piezoelectric accelerometers.

The range includes:

- ❖ Low noise cables – these have a unique semi-conductive layer embedded in the coaxial cable construction which reduces triboelectric noise. This is a phenomenon caused by the layers within the cable construction rubbing together as the cable flexes, this causes a build up of electrostatic charge which can cause noise in the signal analysis.
- ❖ Coaxial instrumentation cables which can be used with a wide range of instrumentation applications, available with a wide range of connectors.

Interestingly the launch of the new cable range has brought Kemo's Managing Director, Robert Owens, full circle as he explained 'At the start of my career I was a sponsored student with BICC, a large cable manufacturer. During my time there I was part of a team developing the co-extrusion of the carbon rich layer used in low noise cables, at the time BICC was working on this to reduce localised field density to increase the voltage rating of PVC insulated cables. It is great to be coming back to this as we use Kemo's decades of experience to improve our customers measurement and data quality.'

The cables are assembled in the UK by Kemo's own team to ensure the high quality is maintained and every cable is fully tested and its capacitance checked for any sign of poor connection that may cause noise or intermittent signals.

As part of the move into cable assembly, Kemo have also introduced their unique EasyFit range of connectors for customers that have a need to make their own cable harnesses due to installation restrictions. The new range can be used alongside raw cable stock direct from Kemo's facility.

The EasyFit range includes:

- ❖ 10-32UNF Microdot RF connector
- ❖ M5 Microdot RF connector
- ❖ M3 Microdot RF connector
- ❖ SMB Connector
- ❖ SMC Connector

Kemo hold a stock of completed cables ready for immediate despatch and also offer a fully customised cable service to suit the customers exact requirements.

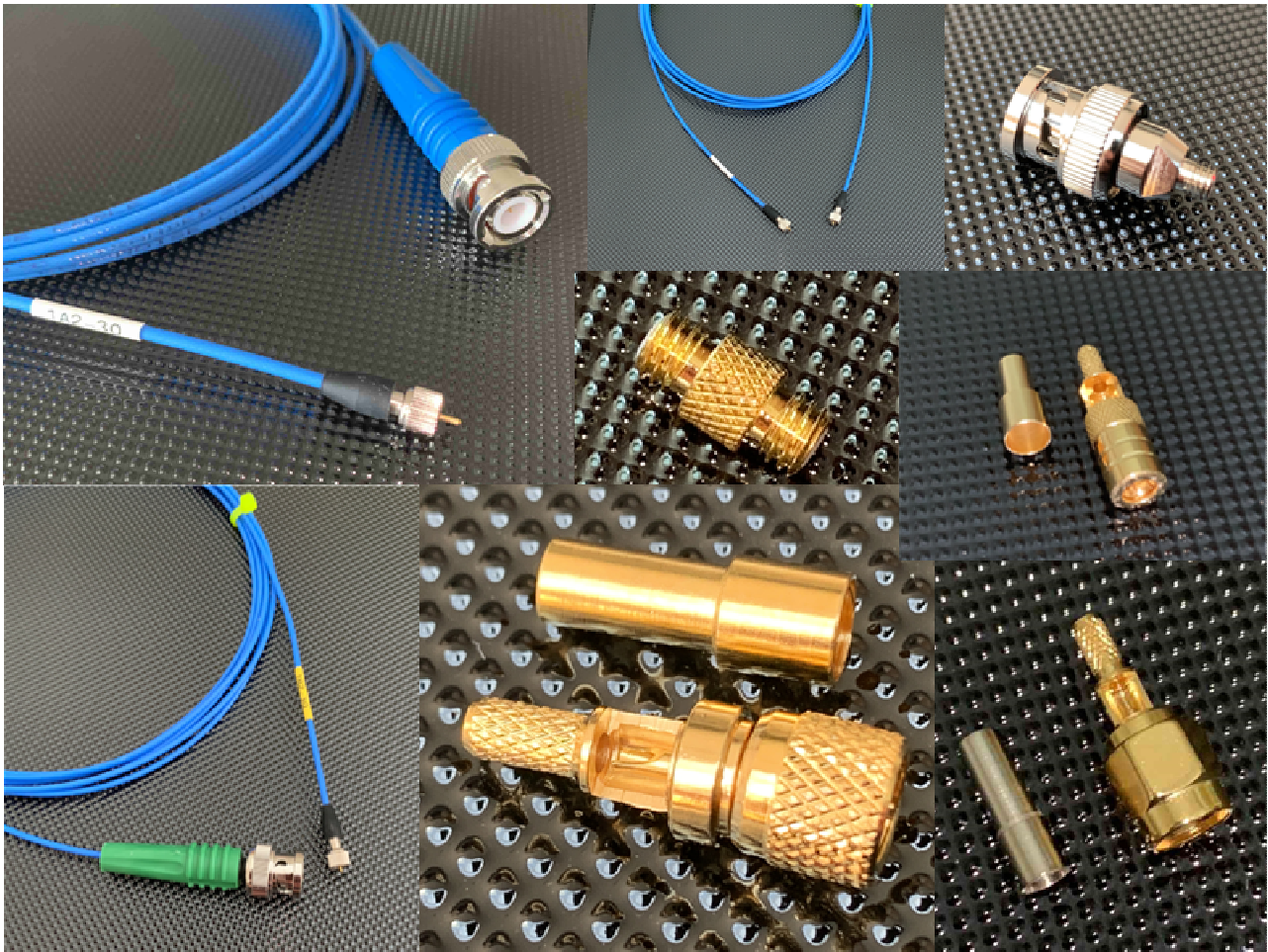
For more details please contact our sales team [sales@kemo.com](mailto:sales@kemo.com) +44(0) 1474 705168 or visit the new website [www.kemo.com](http://www.kemo.com)

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#### Editors Notes:

Kemo Ltd is a world leader in the manufacturer and supply of high quality signal conditioning and filter solutions. Originally founded in 1965 the Company is proud to remain a British manufacturer and to provide an unrivalled level of technical application support for customers with all types of signal analysis issues. Products include, analogues filters, charge amplifiers, IEPE/Voltage amplifiers, 4-20mA sensor conditioning as well as a wide range of other test instruments, sensors, cables and mounting accessories.

Contact us for more information about any of our products. [sales@kemo.com](mailto:sales@kemo.com) +44(0) 1474 705168

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