



News Release

FOR IMMEDIATE RELEASE
February 24th, 2017



Editor Contact Information
Bill Kysiak, Hirose Electric
630-282-6707
bkysiak@hirose.com

Garth Miller, All Business Marketing
919-424-0090
garth.miller@allbusmarketing.com

The BNC75 Series is a miniature, quick connect/disconnect RF connector used for coaxial cable assemblies...

NEW 12G SDI CONNECTOR FROM HIROSE SIMPLIFIES PCB LAYOUT, REDUCES LABOR & DECREASES ASSEMBLY TIME

DOWNERS GROVE, ILLINOIS — February 24th, 2017 — Hirose, a leader in the development of innovative connector solutions, has developed a serial digital interface (SDI) compliant connector that supports high transmission speeds up to 12Gbps. The miniature BNC75 Series radio frequency (RF) connector features an optimized center contact design that simplifies PCB layout and supports SMT processing, decreasing labor and assembly time.

The BNC75 Series connector supports 3G, 6G and 12G transmission, and is available in thread-fastened and bulkhead versions. By supporting high-speed transmissions up to 12Gbps versus traditional SDI connectors, the BNC75 Series can reduce the number of 3Gbps or 6Gbps SDI connectors required in a design. This can not only enable a drastic reduction in the size of a device, but also significantly decreases mating time and component costs.

The BNC75 Series helps reduce the size of broadcasting cameras, FA/commercial cameras, security cameras, medical equipment, and more.

The BNC75 Series meets the 12G-SDI connector standard, offering high frequency performance that exceeds requirements up to the third harmonics (18GHz). The RF connector has a taper-shape single terminal design that generates high impedance matching performance at 75ohms. The single terminal design minimizes signal reflection and improves frequency characteristics versus through hole technologies.

“The new BNC75 Series supports image data transmission equivalent to 12Gbps through a single line specified in the 12G-SDI standard. A unique terminal design offers higher frequency performance by eliminating impedance disruptions often found in existing technologies,” said Rick van Weezel, Vice-President of Sales and Marketing for Hirose Electric USA.

The ROHS certified connector has an operating temperature of -40 degrees C to +85 degrees C.

For additional information about the BNC75 Series connectors, visit:

www.hirose.com/product/en/products/BNC75/

For more information on Hirose visit www.hirose.com/us.



ABOUT HIROSE ELECTRIC

Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of over \$1 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including: industrial, telecommunication, consumer electronics, computer and automotive. More information can be found on Hirose Electric's corporate website at www.hirose.com.