



Cambridge Connectors™
A Division of Cambridge Electronic Industries Ltd.

New Product Press Release - for immediate release

6GHz Small Format Coaxial Connector range for High Speed Video Applications from Cambridge Connectors

Cambridge Connectors has re-engineered the 1.0/2.3 connector to produce a small format coaxial connector range with an enhanced performance at 6 GHz making it ideal for High Speed, High Definition video applications such as 4K/Quad HD Digital Broadcast and CoaxPress® Machine Vision. The range fully meet SMPTE 424M Standard. With a pitch of 8mm, up to twice as many of these compact connectors can be installed compared to traditional BNC types. Its secure



latching mechanism, which is compatible with standard 1.0/2.3 connectors, combines high connection integrity with a simple push/pull operation making it is especially suitable where high wiring densities and secure connections are needed.

Styles available include PCB edge mounting, right angle PCB mounting and top entry PCB mounting types – other styles are in development. With a nominal impedance of 75 ohms, typical reflection factor performances (VSWR) (attached to PCB) are: for the edge mount versions between 1.10 (DC - 3.0GHz) and 1.32 (3.0 – 6.0GHz); the right angle version is between 1.11 (DC – 3.0GHz) and 1.29 (3.0 – 6.0GHz) and the top entry style is from 1.36 (DC – 6.0GHz) to 1.38 (3.0 – 6.0GHz).

The connector comes with the benefit of a durable nickel finish as standard and is RoHS compliant. To complete the range compatible cable connectors; 1.0/2.3 to BNC adaptors; 1.0/2.3 to BNC adaptor leads and fully assembled 1.0/2.3 to BNC Patch Leads are also available.

More Information >>

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