

Full HD displays Flat cables conform to V-by-One[®] HS standard



www.lvds-connectors.com

AXON' CABLE has increased its line of 100Ω flat cables for full HD displays and offers cables which are fully compliant with the V-by-One[®] HS. The protocol is suited for high resolution full HD television screens (200 Hz), and allows for high speed data transmission for video signals, up to 4 Gbps as opposed to 525 Mbps for the LVDS protocol.

Larger screens, with higher resolutions, 200 Hz frequency, LED and 3D displays, high speed of signal transmission, increase of colour depth; AXON' has a solution to support all of the current market trends.

Solutions for full HD flat displays

Already present on the market with its LVDS 100Ω flat flexible cables, AXON' has adapted the attenuation of its flat flexible cables and the dielectric constant of its insulating material in order to offer performance which fully supports the V-by-One[®] HS requirements.

V-by-One[®] HS flat cables are terminated with AXON' connectors compatible with Fi-R or FX16S PCB connectors. They are available in 21, 31, 41 and 51 ways and can have a length up to 2 m while meeting the V-by-One[®] HS requirements. Special versions with 60 and 80 ways are also possible. AXON' CABLE also offers flat cables which are terminated on one end and pre-terminated on the other end to be compatible with «ZIF» or «locking style» PCB connectors.

AXON' CABLE is one of the only flat cable manufacturers to integrate the manufacture of connectors and flat cables. The group has developed its own manufacturing processes including 100% electrical tests as well as automated vision inspection systems for quality control. With factories in Europe, North America and Asia, the company can offer small batch production and high volume capability.

About AXON'

The AXON' group specialises in designing and manufacturing high tech conductors, electronic cables and interconnect solutions for markets such as consumer electronics, telecommunications, computer, automotive, military, medical, aeronautics, space etc...

The headquarters of the company is situated in Montmirail in France (100 km east of Paris) and employs 1600 staff world-wide in 10 subsidiaries across Europe, America and Asia. The group consolidated turnover amounts to 104 million € in 2011, 64 % of which is achieved through export.

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