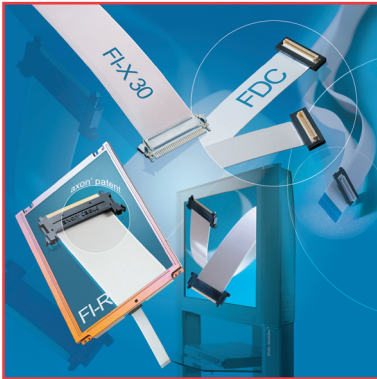


AXOLINK® : Flat Display Connections



Shielded flat cables for flat displays with LVDS system

AXON' CABLE has increased its line of flat cable assemblies brand named AXOLINK® for flat displays. The company offers 100 Ω shielded links terminated with connectors compatible with FI-R or FI-X connectors. They are aimed at connecting HD displays with LVDS electrical signalling system.

Two types of solutions for HD flat displays

AXON' offers LVDS shielded flat cables with a pitch of 1.00 mm. They consist of a 100 Ω flat flexible cable with 30 conductors in tin copper or gold plating insulated with polyester tapes. They are terminated with FI-X connectors. This is the ideal solution for monitors and for 26" and 32" television screens (HD ready, resolution of 1270x730).

To connect bigger television displays such as 42", 52" and 60" Full HD (resolution of 1900x1080) and 100 Hz screens, Axon' offers 0.50 mm pitch 100 Ω shielded flat cables with 41 or 51 conductors terminated with connectors compatible with FI-R connectors.

A cost effective alternative

The LVDS shielded flat cables are a real alternative to twisted pairs and miniature coaxials for a lower cost and better performance. Equipped with appropriate connectors, the cables can work up to 1 Gbit which corresponds to a basic cycle of 130 MHz for a flat display.

The shielding of these cables is carried out with a ground plane grounded on the connector. It reduces crosstalk and assures a constant impedance of 100 Ω for a very stable picture transmission.

About AXON'

The AXON' group specialise 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 head office is located in the Champagne region in France (100 km east of Paris) and employs 1700 staff worldwide in 10 subsidiaries in Europe, America and Asia, four of them specialised in the manufacture of flexible flat cables.

Its consolidated turnover amounts to 92 million Euro in 2008. 60% of the sales are achieved in export.

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