

## Discription

With the ongoing development in the computer screen industry, standard tube monitors (black/white or colour) are being replaced by flat panel displays at an ever increasing pace.

Flat panel displays consume less energy, require less space and are non-wearing.

The rapid development of portable computers (e. g. notebooks) has made an important contribution to the development of colour quality making flat panel displays level on a par with tube monitors.

As space in portable computers is limited, the controller connectors have to be very small and each new generation of displays brings with it a new generation of even smaller connectors.

By directly contacting the display connector we achieve enormous space and cost savings while improving the electrical characteristics.

With the variety of display terminal on the market, it is necessary to stock a broad range of display connectors, e. g. Hirose, JST, JAE, Mitsumi, Molex, Honda, Yamaichi, Tyco, FCI etc. Of course, it is difficult to offer any one of these connectors as an industrial standard, because the needs of each application vary from application to application. At ADAPT we can prepare display connectors with stranded wire cables or flat conductor cables and mould the assembly. The second cable end can be prepared as needed, e. g. with HDD connectors, IDCs, crimp contacts etc.

Please enclose a diagram of the terminal connection scheme with your enquiry.

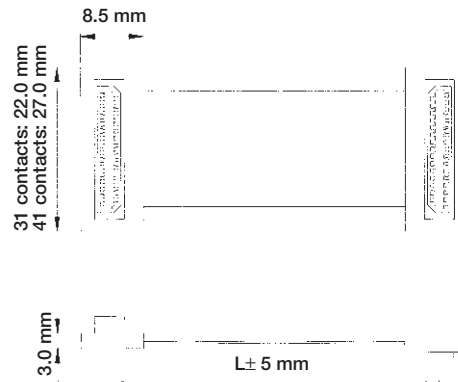


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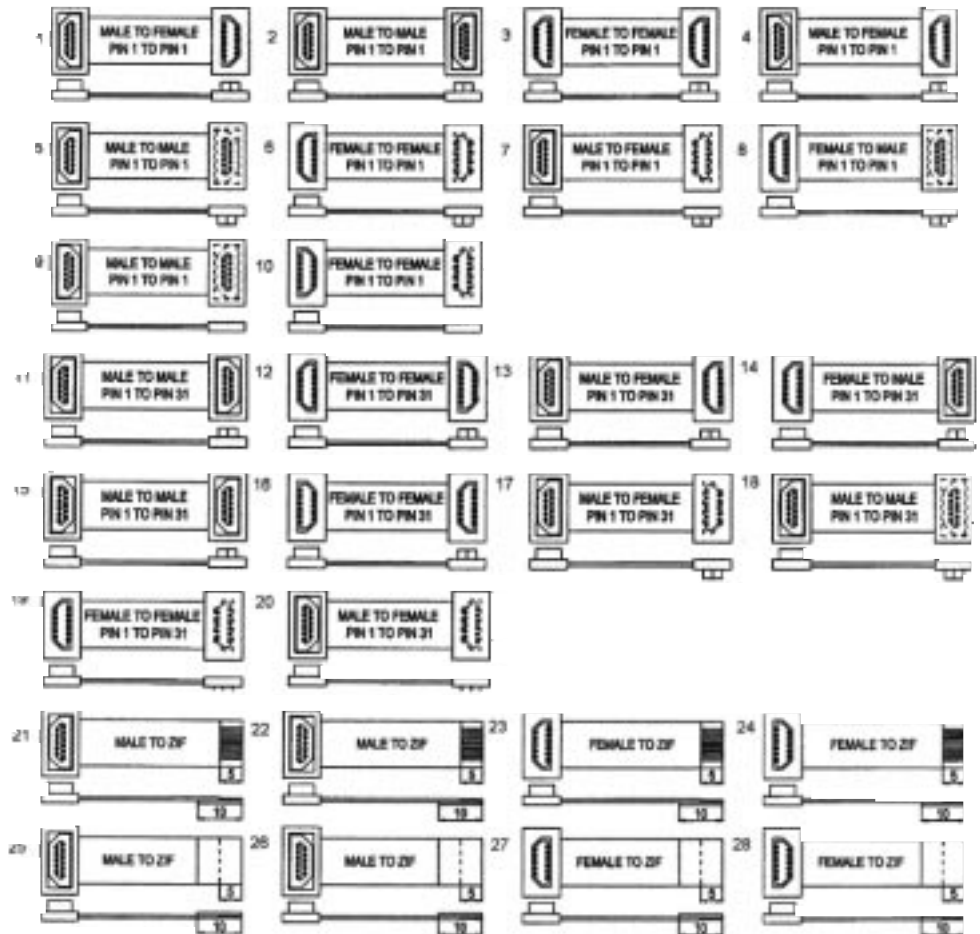
**An example of common cables for “Sharp flat panel displays”:**

These cables were specifically developed for use with Sharp flat panel displays. The cable is produced in rolls and is laser stripped to access the conductors. The HIROSE DF9 connectors are soldered on, compound-filled and sealed in order to produce a flat and robust interface connector.

The connectors are available in 31-, 41- and 51-pole versions. Each cable section can be equipped with DF9 connectors on both ends or with ZIF, LIF or a solder terminal on one end. ADAPT can add an EMI/RFI shielding with a coating of silver conducting varnish.



Applications: flat profile displays, monitors, notebook computers, cash register displays etc.



**Details for display cables:**

