

# FI-J SERIES SMALL DEVICE CABLE TO BOARD CONNECTOR INTRODUCED BY JAE

Japan Aviation Electronics (JAE) has introduced the FI-J Series connector, a cable to board connector specifically designed for the smallest portable devices. This new series is a 0.4mm pitch connector that takes up the least amount of board space in the industry, measuring only 2.5mm by 21.7mm for the 40 pin version and with a low 1.58mm stacking height. The FI-J Series is ideally suited for cell phones, cameras, portable video players, and similar devices that use small LCD monitors.

Smaller portable devices require smaller components. The innovative FI-J Series design minimizes size while maintaining the high electrical and mechanical performance found in larger connectors. The FI-J is keyed to prevent mis-mating, and the high retention force means the connector stays mated. The 0.4mm contact length and gold plating on the contacts ensure low contact resistance and a reliable signal connection. It has excellent impedance and noise-control characteristics, and the durability to stand 30 mating cycles.

The compact size and use of AWG42 or AWG44 thin coax wires allows an FI-J cable assembly to pass through a 3.6mm diameter opening, important for devices with a rotating hinge. It is available in 20, 25, 30, 35, and 40 positions.

For additional information on the FI-J Series connectors and the complete line of JAE products, please visit JAE's comprehensive connector search engine at [www.jae-connector.com](http://www.jae-connector.com) or contact us at

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