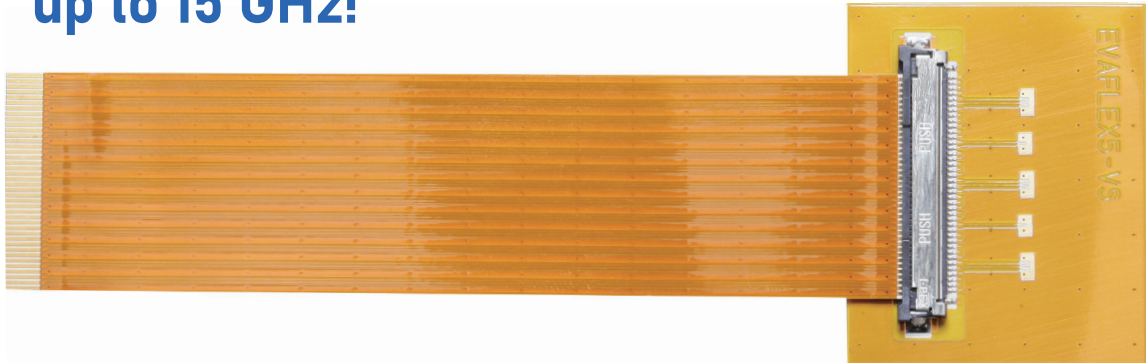


High-Speed Transmission -Compatible FPC Cable with Connector

The integrated FPC cable and connector can be used for a high-speed transmission of up to 15 GHz!

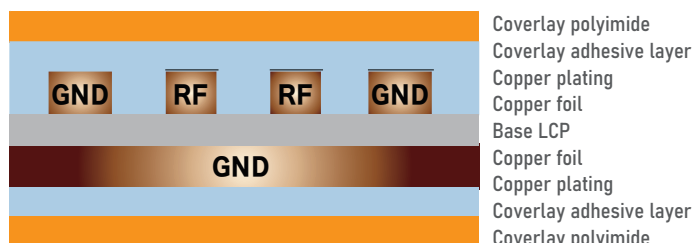


Features

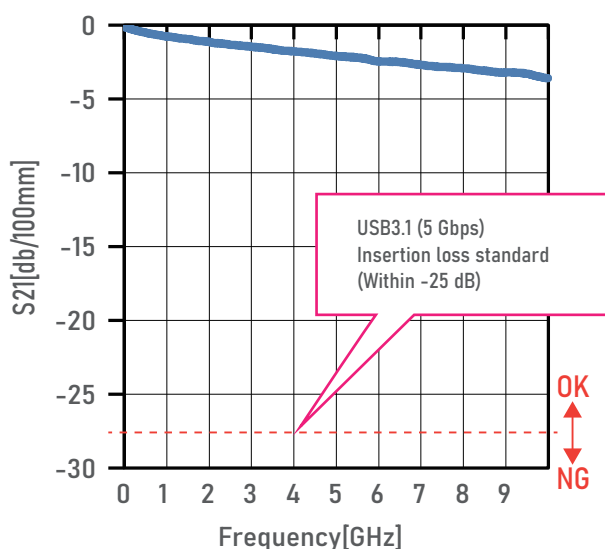
- An LVDS-compatible FPC cable that is the standard products of our company is combined with connector “EVAFLEX5-VS” of I-PEX Incorporation.
- The integrated FPC cable and connector enables a high-speed transmission of 10 GHz (maximum).

Layer structure

- Differential $100\ \Omega \pm 10\ \%$
- Microstrip Line
- Overall length: 130 mm

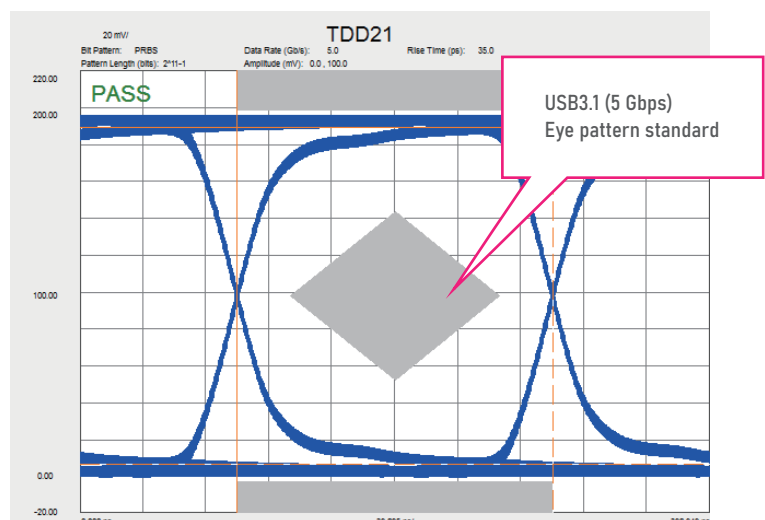


Transmission characteristics S21 evaluation result



Eye pattern (5 Gbps)

Rate : 5Gbps
Rise time : 35.0ps
Pattern length (bit) : 2¹¹-1
Bit Pattern : PRBS



YAMASHITA MATERIALS