# Easy-On FFC/FPC Connectors Guide for Hardware Interface Standard

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<th>Maximum Usable Frequency (GHz)</th>
<th>Data Rate (Gbps)</th>
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*This chart was produced from simulation results. The conformance to the standards is based on the impedance requirements in each specification.

*Please note that the connector’s impedance value is subject to the customer’s board design, and conformance to the standards may vary based on that board design.

*The “Usable Frequency” of the connector is determined by the frequency at which the insertion loss starts to exceed -3dB. The data rate is calculated by doubling the “Usable Frequency” in this chart.

*Return loss and crosstalk are not taken into account in these values but must be considered (in addition to insertion loss) when assessing the connector’s performance.

*Circuit assignment: GSSGSSG

*Data is subject to change without notice.
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APN/OJ/GF/2019.03
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