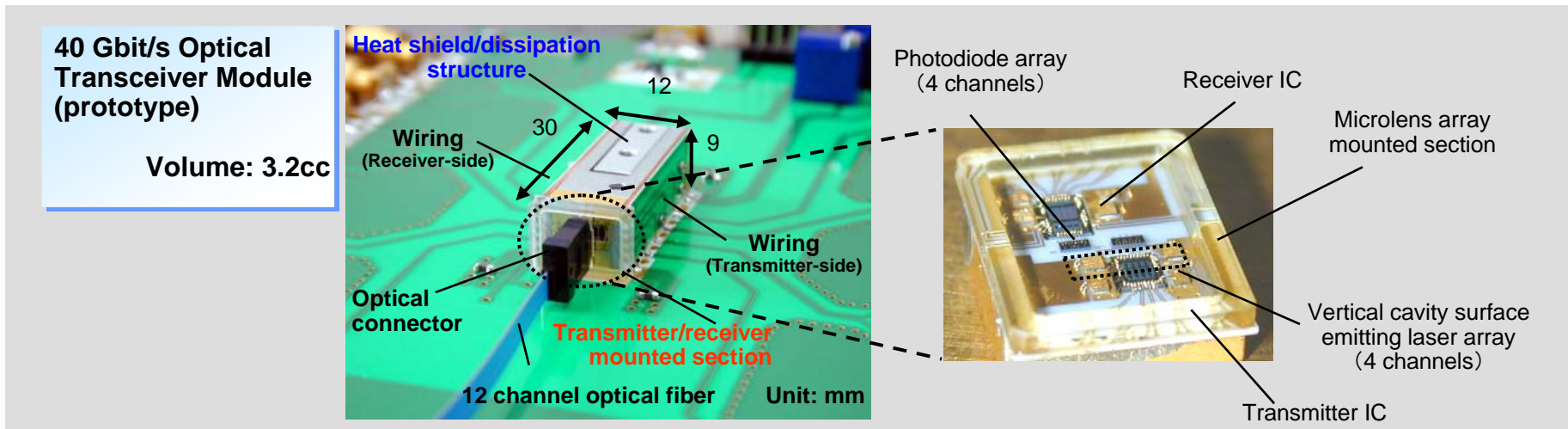


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## Development of compact, large capacity transceiver module technology - 1/2 the size of conventional module, 40 Gbit/s error free transmission verified -



The Central Research Laboratory (General Manager: Mr. Yasushi FUKUNAGA) of Hitachi, Ltd. has developed technology to half the size of optical transceiver modules used to connect optical fibers between transmission equipment or routers (data transmission equipment) located within buildings or on a premises, and successfully verified 100m error free transmission at 40 gigabits/second for both transmission and reception. This technology is expected to find application in compact large capacity optical transceivers which will be an essential component of transmission systems for data transmission within buildings or on premises, for which a growing need is predicted.

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