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**FOR IMMEDIATE RELEASE**

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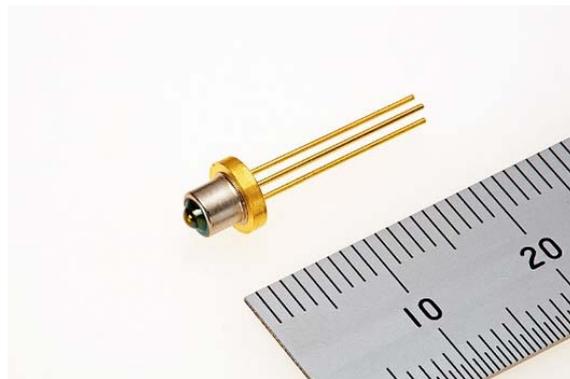
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**Mitsubishi Electric to Launch 25Gbps DFB Laser for Mobile Networks**

*Will contribute to faster transmission rates in outdoor mobile communication equipment*

**TOKYO, July 20, 2016**– [Mitsubishi Electric Corporation](http://www.MitsubishiElectric.com) (TOKYO: 6503) announced today that it will begin shipping a 25Gbps distributed feedback (DFB) laser diode for optical transmission between base stations and central offices in radio access networks within mobile telecommunication systems on September 1.



25Gbps DFB laser diode (ML764AA58T)

Communication equipment transceivers for next-generation mobile networks must support 25Gbps transmissions, wide-ranging outdoor weather conditions and compactness. In response, Mitsubishi Electric's new TO-CAN DFB laser offers 25Gbps modulation, an industry-leading operating temperature range of -20 degrees Celsius to 85 degrees Celsius and a package size that meets the SFP28 standard for 25Gbps compact transceivers.

**Product Features**

**1) 25Gbps transmission rate and -20°C to +85°C temperature range**

- The diode's enhanced structure enables an extra-high transmission rate and industry-leading temperature range
- Transceivers incorporating the new DFB laser can operate outdoors without a cooling system

2) *Same package size as current DFB laser suited to 25Gbps compact transceivers*

- High-performance package suppresses electrical signal loss
- Since no driver IC is used, the size (φ5.6mm) is the same as that of a 10Gbps DFB laser
- Simple structure helps to satisfy the SFP28 standard for 25Gbps compact transceivers

**Sales Schedule**

Product	Model	Feature	Shipment date
25Gbps DFB laser diode	ML764AA58T	- 1310nm wavelength - φ5.6mm TO-CAN Package	September 1, 2016

**Specifications**

Model	ML764AA58T
Wavelength	1310nm
Optical output power	8mW
Operating case temperature	-20°C to +85°C
Optical coupling efficiency	18%

**Environmental Awareness**

This product is compliant with the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) directive 2011/65/EU.

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**About Mitsubishi Electric Corporation**

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,394.3 billion yen (US\$ 38.8 billion\*) in the fiscal year ended March 31, 2016. For more information visit:

<http://www.MitsubishiElectric.com>

\*At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016