

MITSUBISHI ELECTRIC CORPORATION
PUBLIC RELATIONS DIVISION
 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8310 Japan

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Customer Inquiries

Media Inquiries

Semiconductor & Device Marketing Div.B
 Mitsubishi Electric Corporation

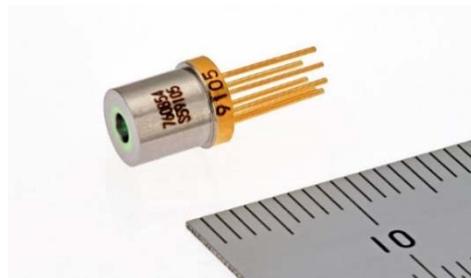
Public Relations Division
 Mitsubishi Electric Corporation
prd.gnews@nk.MitsubishiElectric.co.jp
www.MitsubishiElectric.com/news/

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Mitsubishi Electric to Launch 25Gbps EML CAN for 5G Mobile Base Stations

Enables high-speed data transmission and reduced power consumption within mobile networks

TOKYO, September 4, 2018 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today the launch of a 25Gbps EML CAN module supporting high-speed optical data transmission in radio access networks within fifth-generation (5G) mobile base stations. The new module will be on display at the China International Optoelectronic Exposition (CIOE) 2018 in Shenzhen, China, from September 5 to 8, and will be commercially available from November 1.



25Gbps EML CAN (ML760B54)

Sales Schedule

Product	Model	Wavelength	Operating case temperature range	Shipment date
25Gbps EML CAN	ML760B54	1270nm, 1310nm	- 40°C to + 95°C	November 1, 2018

The introduction of 5G mobile networks will herald the transmission of huge volumes of data and the need for high-speed optical communication networks; this will in turn drive customer demand for high-speed optical devices with low power consumption. The new 25Gbps EML CAN unit addresses these requirements, and will help to improve the productivity and efficiency of customer installations.

Product Features

1) *Supports high-speed, large-volume mobile networks*

- Employs a TO-CAN package delivering 25Gbps EML, an industry first*
- Leverages improved bandwidth of the TO-CAN package

2) *Reduces power consumption within mobile networks*

- Reduces the power consumption of thermo-electric coolers by 40 percent compared to the current FU-411REA model

3) *Improves customer productivity*

- Is compatible with the standard TO-56 CAN package (package size: ϕ 5.6mm)
- Improves the productivity of bi-directional optical modules and transceivers due to a simplified fabrication process

* According to Mitsubishi Electric as of September 4, 2018

Main Specifications

Model	ML760B54
Wavelengths	1270 \pm 10nm, 1310 \pm 10nm
Optical output power	more than +10dBm (typical value)
Extinction ratio	more than 6dB (typical value)
Operating case temperature	- 40°C to + 95°C
Power consumption of thermo-electric cooler	0.28W (typical value at + 95°C)
Package size	ϕ 5.6mm

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 nearly 100 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 4,444.4 billion yen (in accordance with IFRS; US\$ 41.9 billion*) in the fiscal year ended March 31, 2018. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 106 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2018