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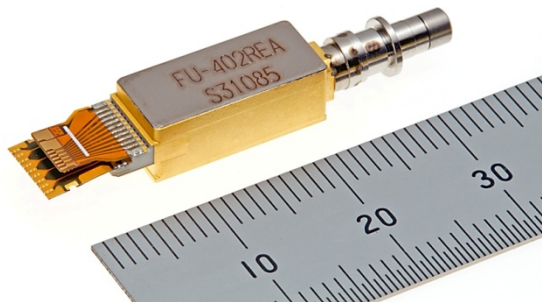
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Mitsubishi Electric to Launch Compact Integrated 100Gbps EML-TOSA

Will support long-haul transmissions and downsizing of 100Gbps communication equipment

TOKYO, March 16, 2016 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today that it will begin shipping a laser diode-transmitter optical subassembly (TOSA) capable of supporting 100Gbps optical transmissions on July 1. The new TOSA, which features four electro-absorption modulators with laser diode (EML) integrated with an optical multiplexer, offers one of most compact EML-TOSA solutions available for IEEE 100GBASE-ER4 applications.

The device will be displayed at the Optical Fiber Communication Conference and Exhibition 2016 (OFC) in Anaheim, California from March 20 to 24.



Compact Integrated 100Gbps EML-TOSA (FU-402REA)

In response to the growing need to install communication equipment in increasingly confined spaces, Mitsubishi Electric's new laser-diode TOSA offers 40km transmission capability in one of the industry's smallest footprints, a combination that is expected to help downsize 100Gbps communication facilities and expand high-speed 100Gbps optical transmission networks.

Product Features

1) High-performance EML for long-distance transmissions

- Combines over 40km transmissions and low power consumption with high extinction ratio modulated by small driving voltage
- Suitable for long-distance transmissions, such as between data centers

2) Size measuring just 30 percent that of predecessor will help to miniaturize optical transceivers

- Optical multiplexer and other components were optimized to reduce the package size to 30 percent that of the predecessor model (FU-401REA)
- Package size complies with common specifications for CFP4 optical transceivers

Sales Schedule

Product	Model	Features	Shipment date
Compact Integrated 100Gbps EML-TOSA	FU-402REA	- EML with 1.3 μ m wavelength - LC receptacle	July 1, 2016

Specifications

Model	FU-402REA
Laser diode	EML with 1.3 μ m wavelength x 4
Transmission distance	40km
Output power	-2 to 2dBm
Extinction ratio	9dB (typical)
Operating power	2W maximum
Size	6.5mm x 25.0mm x 5.4mm

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 4,323.0 billion yen (US\$ 36.0 billion*) in the fiscal year ended March 31, 2015. For more information visit:

<http://www.MitsubishiElectric.com>

*At an exchange rate of 120 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2015