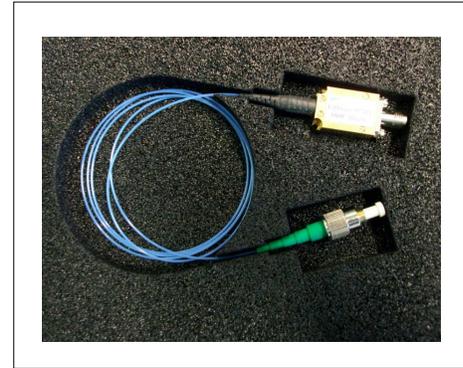


## Up to 12.5 Gbit/s VCSEL Multi-Mode Fiber-Coupled Module (1310 nm)

WITH FC CONNECTORIZED FIBER PIGTAIL

Product Code: **V10-1300M**



Not hermetically sealed

### Product Description

Highspeed transmitter module with integrated 1310nm VCSEL fiber coupled to a 50  $\mu\text{m}$ -core multimode fiber for optical output. The optical output power is typically 2 mW. The module is designed as engineering sample for high speed test applications.

### Features

- OM3 MMF Pigtail (50/125  $\mu\text{m}$ , 1 m length);
- Anritsu V electrical connector;
- FC /PC optical output connector;

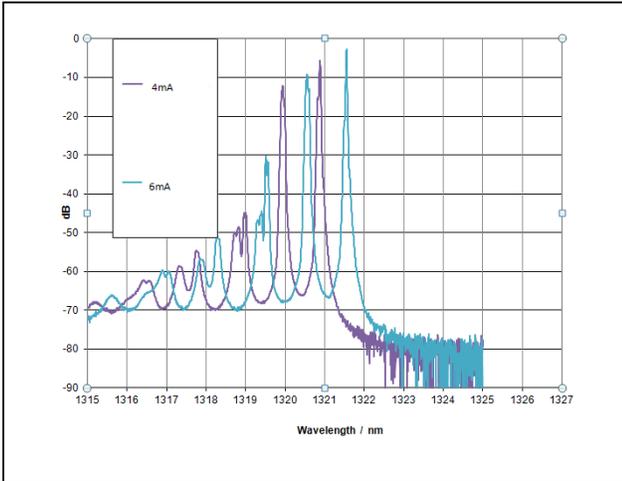
### Applications

- Proprietary optical interconnects

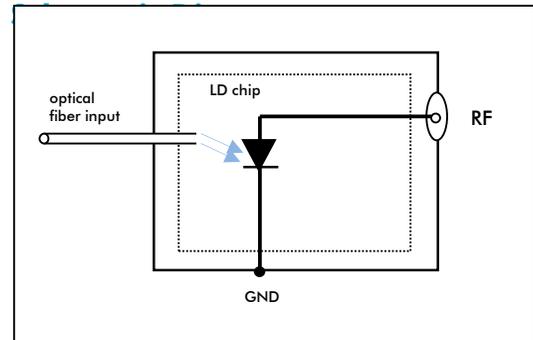
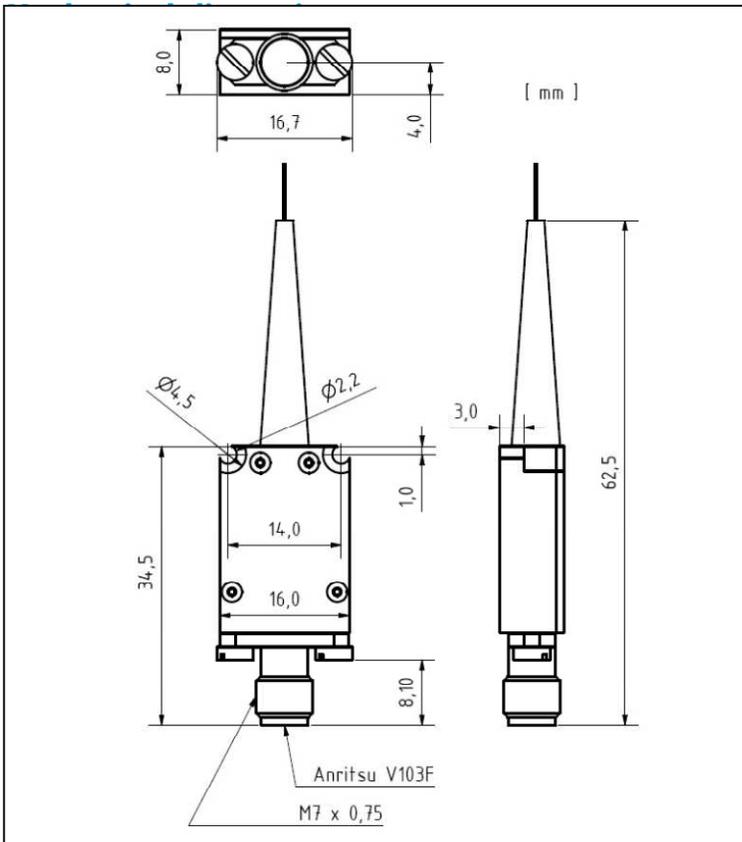
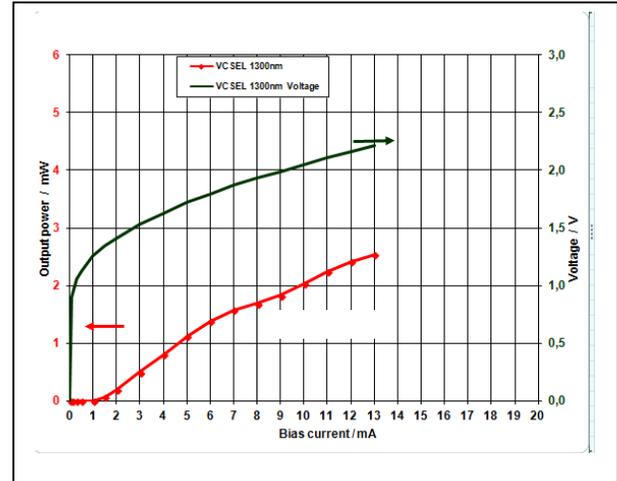
| Parameter           | Typical           | Notes |
|---------------------|-------------------|-------|
| Emission Wavelength | 1310 nm           |       |
| Data rate           | Up to 12.5 Gbit/s |       |
| Threshold Current   | 1.4 mA            |       |
| Peak Output Power   | 2.5 mW            |       |

## 10 Gbit/s Transmitter Module V10-1300M

### Optical Spectrum



### L-I Diagram



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