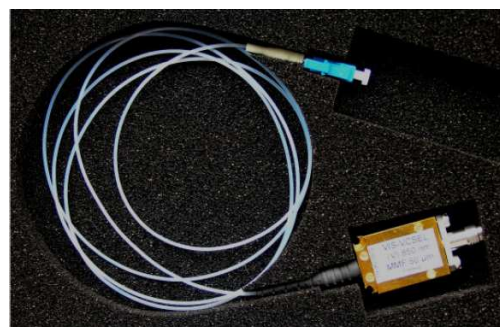


## Up to 40 Gbit/s VCSEL Multi-Mode Fiber-Coupled Module (850 nm)

WITH FC CONNECTORIZED FIBER PIGTAIL

Product Code: **V40-850M**



Not hermetically sealed

### Product Description

Ultrahigh-speed transmitter module with integrated 850nm VCSEL fiber coupled to a 50  $\mu\text{m}$ -core multimode fiber for optical output. The optical output power is typically 4 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;

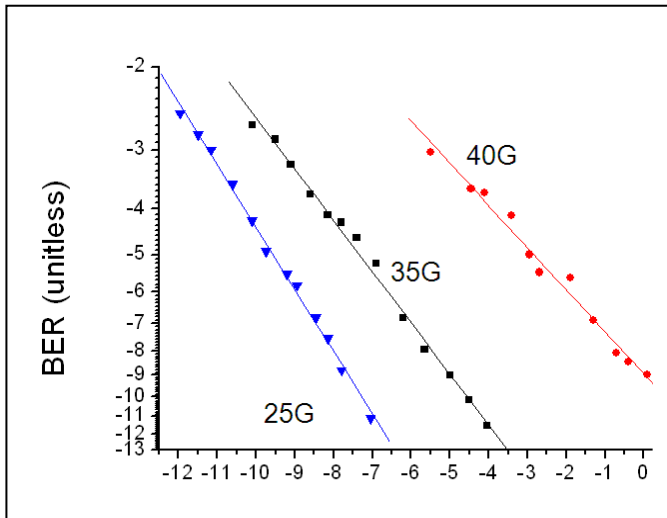
### Applications

- 16/32 Gbit/s Fibre Channel systems tests
- CEI-28 (25/28 Gbit/s) systems tests
- 10G or 25G Ethernet channel testing

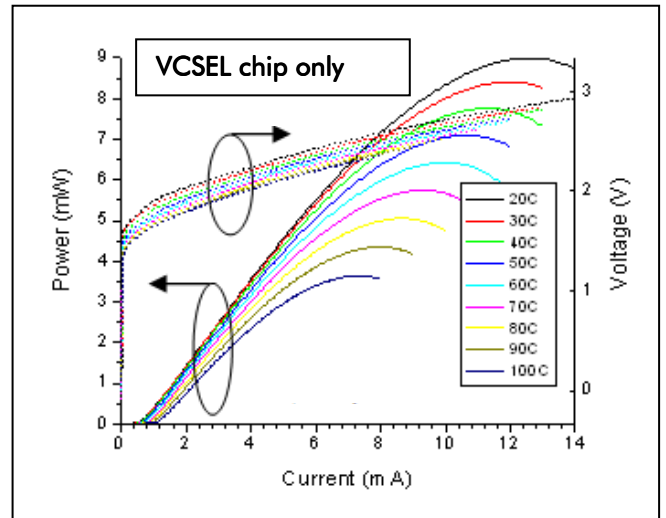
Parameter	Typical	Notes
Emission Wavelength	850 nm	available from 835 – 860 nm
Data rate	Up to 40 Gbit/s	
Rise time (10% to 90%)	9ps	
Differential Efficiency	> 70%	
Threshold Current	< 1 mA	
Peak Output Power	4 mW	

## 40 Gbit/s Transmitter Module V40-850M

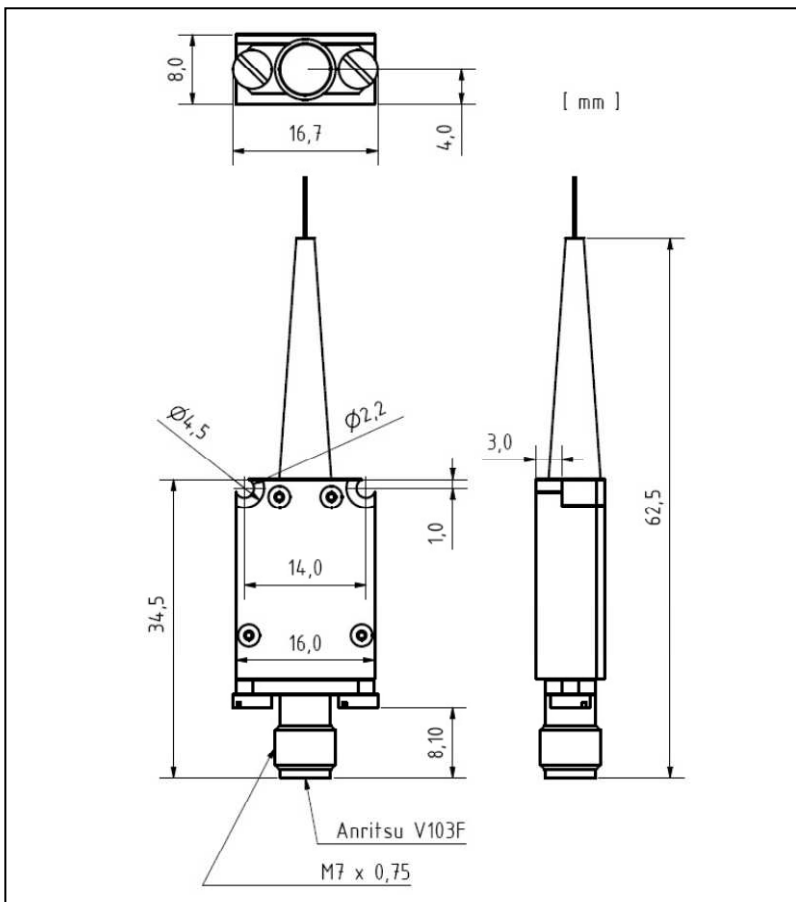
### BER Test



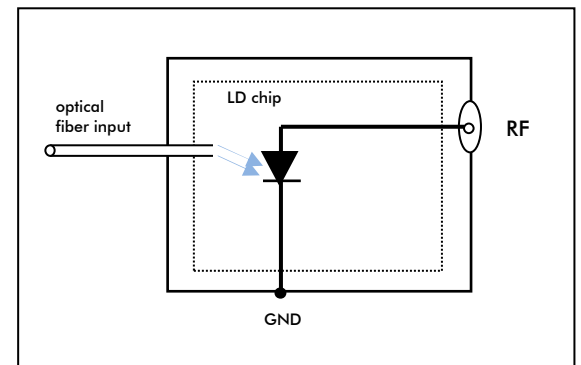
### L-I Diagram



### Mechanical dimensions



### Schematic Diagram



**LASER RADIATION. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 1M LASER PRODUCT**

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All product specifications and descriptions are subject to change without notice.

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