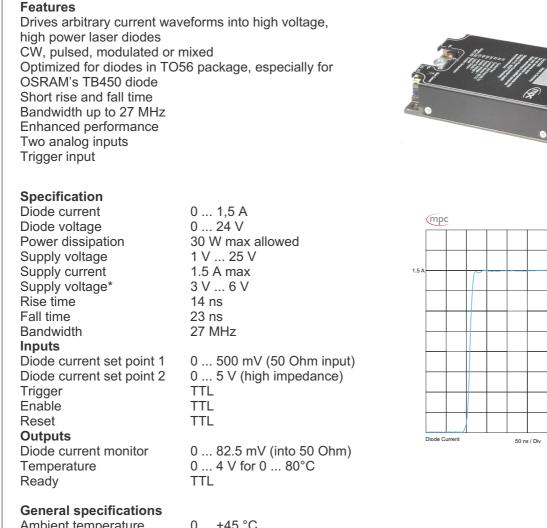


VFM 1,5-25 Fast Diode Current Modulator

VFM 1,5-25



| Ambient temperature | 0 +45 °C |
|---------------------|-----------------|
| Cooling | Required |
| Dimensions | 95 x 61 x 20 mm |
| Weight | 250 g |
| Ordering Code | 10100368 |
| | |

* for internal electronics

Description

The fast diode current modulator VFM 1,5-25 is a linear modulator with improved properties for driving arbitrary current waveforms or fast pulses into laser diodes in TO56 package, especially into OSRAM's blue TB450 diode.

Current waveforms can be CW, pulsed, modulated or mixed with frequencies up to 27 MHz and currents up to 1.5 A.

The VFM 1,5-25 is small and compact and it is designed for mounting it with low inductance directly at laser diodes.

The VFM 1,5-25 has two analogue inputs for the current setpoint, a high frequency input (50 Ohm input impedance) with a bandwidth of 27 MHz and a low frequency input with a bandwidth of 100 KHz. Both inputs cover the full current range.

Additionally there is a TTL-Trigger input which acts at the high frequency input for generating fast and clean pulses.

For detailed information see operating manual or visit our website.