

## Fiber coupled AOM

High speed version – 1064 nm

Reference: 1064AOM-2

Technology/Crystal : TeO<sub>2</sub>\*

| SPECIFICATIONS                                   | Unit | Min      | Typ.             | Maximum | Comments     |
|--|------|----------|------------------|---------|--------------|
| Material   |      |          | TeO <sub>2</sub> |         |              |
| Wavelength                                       | nm   | 1000     | 1064             | 1090    | Customizable |
| Max average optical power                        | W    |          | 2.5              | 3       |              |
| Insertion loss                                   | dB   | 2.0      | 2.5              | 3.0     |              |
| Extinction ration (1 <sup>st</sup> order on/off) | dB   | 50       |                  |         |              |
| Return Loss (RF ON)                              | dB   | 40       |                  |         |              |
| Rising time                                      | ns   | 8        | 9.5              | 10      |              |
| Frequency  | MHz  |          | 200              |         |              |
| Frequency shift                                  | MHz  |          | +/- 200          |         |              |
| RF Power   | W    |          |                  | 2.5     |              |
| Input Impedance                                  | Ω    |          | 50               |         |              |
| Electrical input interface                       |      |          | SMA              |         |              |
| Fiber type                                       |      | PM980    |                  |         | Customizable |
| Fiber length                                     | m    |          | 1                |         | Customizable |
| Pigtail termination                              |      | FC/APC   |                  |         | Customizable |
| Working temperature                              | °C   | -20      |                  | 60      |              |
| Storage temperature                              | °C   | -30      |                  | 70      |              |
| Dimensions (without fiber boots)                 | mm   | 67*23*15 |                  |         |              |
| Mounting holes diameter                          | mm   |          | 2.5              |         |              |

\*: See our tutorial : [fiber modulator](#)

