

1064nm Fibre-Coupled AOM Acousto Optic Modulator

Model: G-1064-100-L-T-AA-A-D-L



General Specification

| Parameter | Unit | Min | Max | Typical |
|---------------------------------------|--------------------|------|------|---------|
| Material | | | | TeO2 |
| Wavelength | nm | 1030 | 1090 | 1064 |
| Average optical power handling | W | | | 0.5 |
| Ultrasonic Velocity | m/s | | | 4200 |
| Insertion Loss | dB | 1 | 1.5 | 1.2 |
| Extinction Ratio (1st order on / off) | dB | 50 | | |
| Return Loss (RF ON) | dB | 40 | | |
| Rise-time / Fall-time: (10% - 90%) | ns | | 50 | |
| Frequency | MHz | | | 100 |
| Frequency Shift | MHz | | | +/-100 |
| Radio Frequency Power | W | | | 1.8 |
| VSWR | | | | 1.2:1 |
| Input Impedance | Ω | | | 50 |
| Device Interface | | | | SMA |
| Fibre Type | | | | H11060 |
| Fibre Length | m | | | 1 |
| Fibre Termination | | | | FC/APC |
| Working temperature | $^{\circ}\text{C}$ | | | -20~+60 |